ORDER NO. VRD9112M159

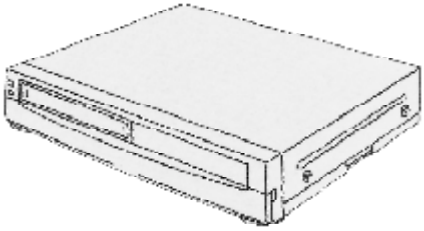
Service Manual

Video Cassette Recorder

Panasonic VHS PAL NTSC

Hi-Fi HQ

NV-F55 A EA EE



SPECIFICATIONS\ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ
TECHNICAL INFORMATION\ТЕХНИЧЕСКАЯ ИНФОРМАЦИЯ
ADJUSTMENT PROCEDURES\ПРОЦЕДУРЫ РЕГУЛИРОВКИ
- Disassembly method\метод разборки
- Mechanical adjustment procedures\методика механической настройки
- Location of test points and controls\расположение контрольных точек и органов управления
- Circuit board layout\размещение монтажных плат
- Electrical adjustment procedures\процедура электрической регулировки

BLOCK DIAGRAMS\БЛОК-СХЕМЫ
- System control & servo block diagram\блок-схема систем управления и сервопривода
- Luminance/chrominance block diagram (NV-F55A/EE)\блок-схема каналов яркости/цветности (NV-F55A/EE)
- Luminance/chrominance block diagram (NV-F55A/EA)\блок-схема каналов яркости/цветности (NV-F55A/EA)
- HI-FI audio block diagram\блок-схема HI-FI аудиоусилителя

SCHEMATIC DIAGRAMS\ПРИНЦИПИАЛЬНЫЕ СХЕМЫ
- Power schematic diagram\принципиальная схема электропитания
- System control and servo schematic diagram\принципиальная схема системы управления и сервопривода
- Luminance/chrominance & audio schematic diagram \принципиальная схема обработки видео и аудиосигнала
- Channel select schematic diagram\принципиальная схема переключения каналов
- Luminance and chrominance pack schematic diagram (NV-F55EA)\принципиальная схема каналов яркости/цветности (дополнительная) (NV-F55EA)
- Luminance and chrominance pack schematic diagram (NV-F55EE)\принципиальная схема каналов яркости/цветности (дополнительная) (NV-F55EE)
- HI-FI audio pack schematic diagram\принципиальная схема модуля блока HI-FI
- Input/output pack schematic diagram\принципиальная схема платы ввода/вывода (дополнительная)
- Head AMP schematic diagram\принципиальная схема усилителя видеоголовок
- Timer and operation schematic diagram\принципиальная схема таймера и блока управления
- TV demodulator pack schematic diagram (NV-F55EE)\принципиальная схема подмодуля ТВ демодулятора (NV-F55EE) (дополнительная)
- TV demodulator pack schematic diagram (NV-F55A)\принципиальная схема подмодуля ТВ демодулятора (NV-F55A) (дополнительная)
- TV demodulator pack schematic diagram (NV-F55EA)\принципиальная схема подмодуля ТВ демодулятора (NV-F55EA) (дополнительная)
- Decoder pack schematic diagram (NV-F55A)\принципиальная схема декодера (NV-F55A) (дополнительная)
- NICAM decoder pack schematic diagram (NV-F55EA)\принципиальная схема NICAM декодера (NV-F55EA) (дополнительная)
- Multi decoder pack schematic diagram (NV-F55EE)\принципиальная схема мульти-декодера (NV-F55EE) (дополнительная)
- RF converter schematic diagram (ENC17906: NV-F55A)\принципиальная схема высокочастотного преобразователя (ENC17906: NV-F55A)
- RF converter schematic diagram (ENC17905: NV-F55EA)\принципиальная схема высокочастотного преобразователя (ENC17905: NV-F55EA)
- RF converter schematic diagram (ENC17988: NV-F55EE)\принципиальная схема высокочастотного преобразователя (ENC17988: NV-F55EE)
- RF converter schematic diagram (VEQ1339: NV-F55EE)\принципиальная схема высокочастотного преобразователя (VEQ1339: NV-F55EE)
- Interconnection schematic diagram\принципиальная схема соединений

EXPLODED VIEWS AND PARTS LIST\СБОРОЧНЫЕ ЧЕРТЕЖИ И СПИСОК ЗАПАСНЫХ ЧАСТЕЙ
- EXPLODED VIEWS\СБОРОЧНЫЕ ЧЕРТЕЖИ
  - Chassis parts section (1)\секция шасси (1)
  - Chassis parts section (2)\секция шасси (2)
  - Cassette up mechanism section\секция механизма кассетоприемника
  - Casing parts section\секция корпуса
  - Packing parts section\секция упаковки
- MECHANICAL REPLACEMENT PARTS LIST\СПИСОК МЕХАНИЧЕСКИХ ЗАПАСНЫХ ЧАСТЕЙ
- ELECTRICAL REPLACEMENT PARTS LIST\СПИСОК ЭЛЕКТРИЧЕСКИХ ЗАПАСНЫХ ЧАСТЕЙ

Panasonic

SPECIFICATIONS

ITEM	SPECIFICATION		ITEM	SPECIFICATION
POWER	SOURCE: 240 V 50/60 Hz (NV-F55A) 230 V 50/60 Hz (NV-F55EA) 220 V 50/60 Hz (NV-F55EE)		VIDEO	INPUT: VIDEO IN Connector (Phono type) 1.0 Vp-p, 75Ω terminated
	CONSUMPTION: 28 watts			OUTPUT: VIDEO OUT Connector (Phono type) 1.0 Vp-p, 75Ω terminated
RECORDING SYSTEM	2 rotary heads, helical scanning system		AUDIO	HEAD: 1 Stationary head (Normal Audio) 2 rotary heads (Hi-Fi 2CH)
	PAL/NTSC 4.43 (NV-F55A/EE) PAL/NTSC (NV-F55EA)			INPUT: AUDIO IN Connector (Phono type) More than −10 dBV (316 mV), more than 47 kΩ MICROPHONE JACK −70 dBV
TV TUNER SYSTEM	NV-F55A	VHF I: CH0 ~ CH5 (PAL B) VHF III: CH5A ~ CH11 (PAL B) UHF: CH21 ~ CH69 (PAL G) 75Ω unbalanced		OUTPUT: AUDIO OUT Connector (Phono type) −8 dBV (400 mV), Less than 1 kΩ
	NV-F55EA	VHF I: CH1 ~ CH3 (PAL B) VHF III: CH4 ~ CH11 (PAL B) UHF: CH21 ~ CH69 (PAL G) 75Ω unbalanced		TRACK: 1 track (Normal-mono only) 2 channels (Hi-Fi Sound-Stereo)
	NV-F55EE	VHF I: CHR1 ~ CHR5 (SECAM D) CHE2 ~ CHS3 (PAL/SECAM B) VHF III: CHR6 ~ CHR12 (SECAM D) CHM1 ~ CHU10 (PAL/SECAM B) UHF: CH21 ~ CH69 (PAL G/SECAM G.K) 75Ω unbalanced	TAPE FORMAT	VHS Cassette tape (Tape width 12.7 mm)
			TAPE SPEED	SP: 23.39 mm/s (PAL), 33.35 mm/s (NTSC) LP: 16.695 mm/s (PAL), 11.12 mm/s (NTSC) Record/Playback Time: SP: 4 hours with 240 min. type tape LP: 8 hours with 240 min. type tape FF/REW Time: 2.5 min. with 180 min. type tape
			DIMENSIONS	430 (W) × 96 (H) × 356 (D) mm
RF OUT SYSTEM	NV-F55A	VHF: CH0/1 (PAL B) 76 ± 3 dBμ, 75Ω unbalanced	WEIGHT	5.4 kg
	NV-F55EA	VHF: CH2/3 (PAL B) 76 ± 3 dBμ, 75Ω unbalanced	STANDARD ACCESSORIES	1 pc. DIN-RE Cable 1 pc. Infra-red Remote Controller 1 pc. Audio Cables 1 pc. AC Mains Lead 1 pc. Programme Sheet
	NV-F55EE	UHF: CH38$^{+2}_{-6}$ (PAL G/SECAM G.K) 73 ± 3 dBμ, 75Ω unbalanced		
VIDEO	HEADS: 4 rotary heads 1 pair for SP recording, playback and trick play (L-R heads) 1 pair for LP recording, playback and trick play (L′-R′ heads)			

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.

1-2. TECHNICAL INFORMATION

INITIALIZATION OF CHANNEL MEMORY IC (IC7502/M6M80021P)

When replace the channel memory IC (IC7502/M6M80021P), the memory IC should be initialized to keep formal specification.

Note:

1) It should be performed before tuner preset.
2) During initialization or after initialization within 1 second, do not stop the power source. (Do not disconnect AC cord.)
3) Meaning of "INITIALIZATION" is to erase the "SKIP CH". In another to say the number of POSITION CH and DISPLAY CH to be same.

Method:

1) Press the CH UP/DOWN Button so that the Channel indicator indicates "– –".
2) Connect the Diode (MA165) to Pin 54 of IC7501 for Anode, Pin 35 of IC7501 for Cathode twice.
3) Channel indication disappears, and approximately 3 seconds later Channel indicator indicates "1".

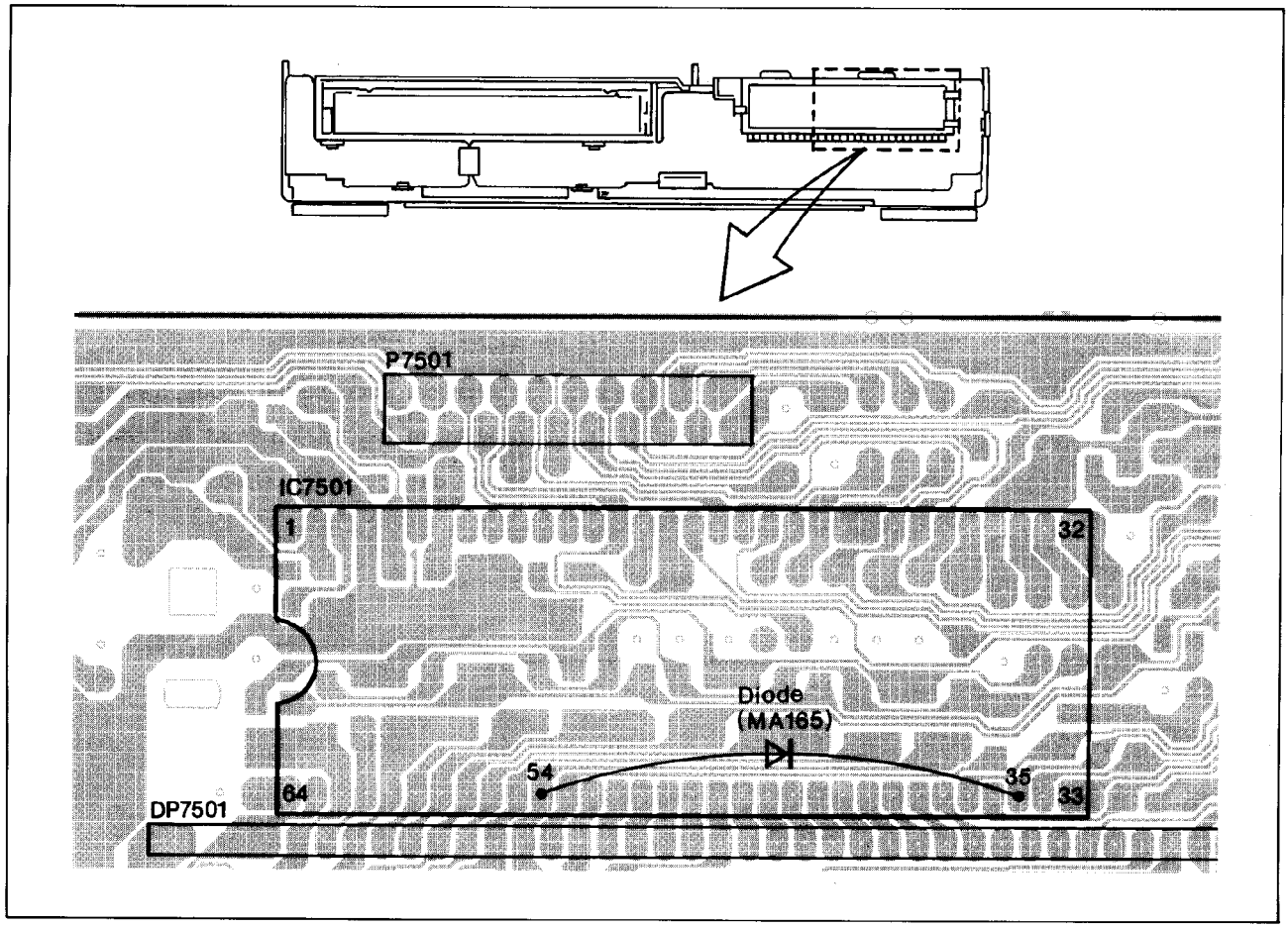


Fig. T1

SERVICE NOTE

When repairing without the top panel unit, Tape Select Switch must be set to the E195 position to prevent the malfunction of the Take-Up Photo Sensor.

SERVICE INFORMATION DISPLAY

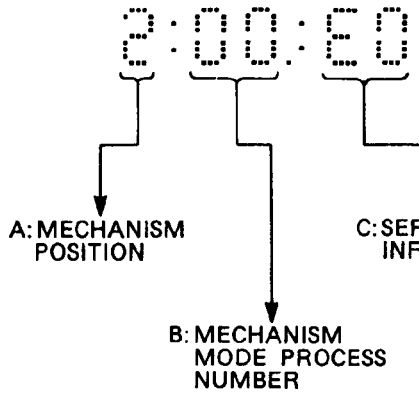
This unit can be confirm the mode information which is detected by microprocessor IC6001 via multi function display.

Method:

1) Press "EJECT", "FF" and "REW" keys at the same time.
2) The counter of multi function display indicates microprocessor data approximately 20 seconds as shown in Fig.T2.

NOTE:

1) This mode can be entred Power off.
2) Also it can be displayed the data when connect jumper wire between TPSERV and TPGND2. In this case the data is indicated still open the TPSERV.



A: MECHANISM POSITION

2: EJECT
3: :
4: STOP 1
5: :
6: STOP 2
7: :
8: PLAY
9: :
U: REV

B: MECHANISM MODE PROCESS NUMBER
Number is changed by depending on mode movement.

C: SERVICE INFORMATION
E0..... Normal.
E1..... Cylinder lock. (STOP)
E2..... Reel lock. (STOP)
E4..... Mechanism lock during unloading.
E5..... Mehcanism lock during mode transfer to FF or REW.
E6..... Mechanism lock during front unloading. (Cassette out)
E9..... Serial data (IC6001–IC7501) can not be transmitted.

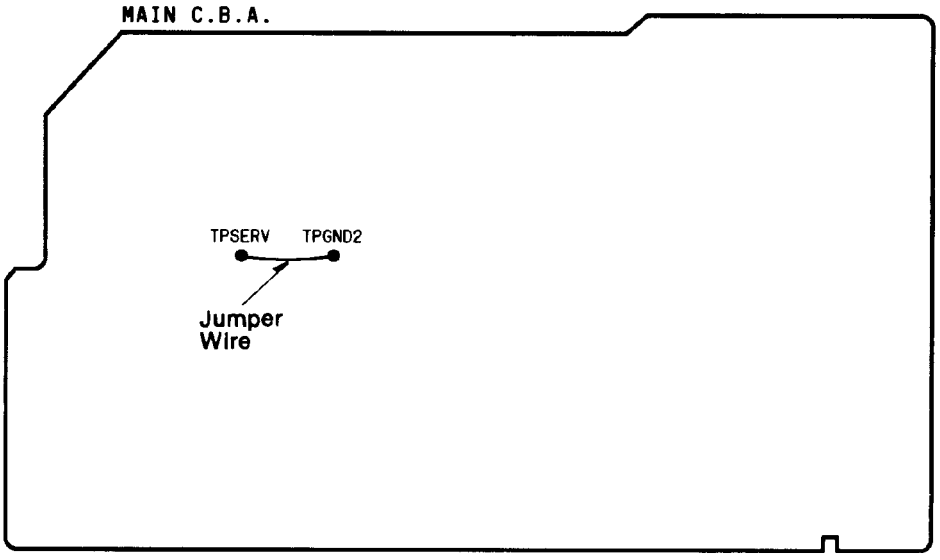


Fig. T2

SECTION 2
ADJUSTMENT PROCEDURES

2-1. DISASSEMBLY METHOD

2-1-1. DISASSEMBLY FLOW CHART

This flow chart indicates disassembly steps of the cabinet parts and the circuit boards in order to find the necessary items for servicing.
When reassembling, perform the steps in the reverse order.

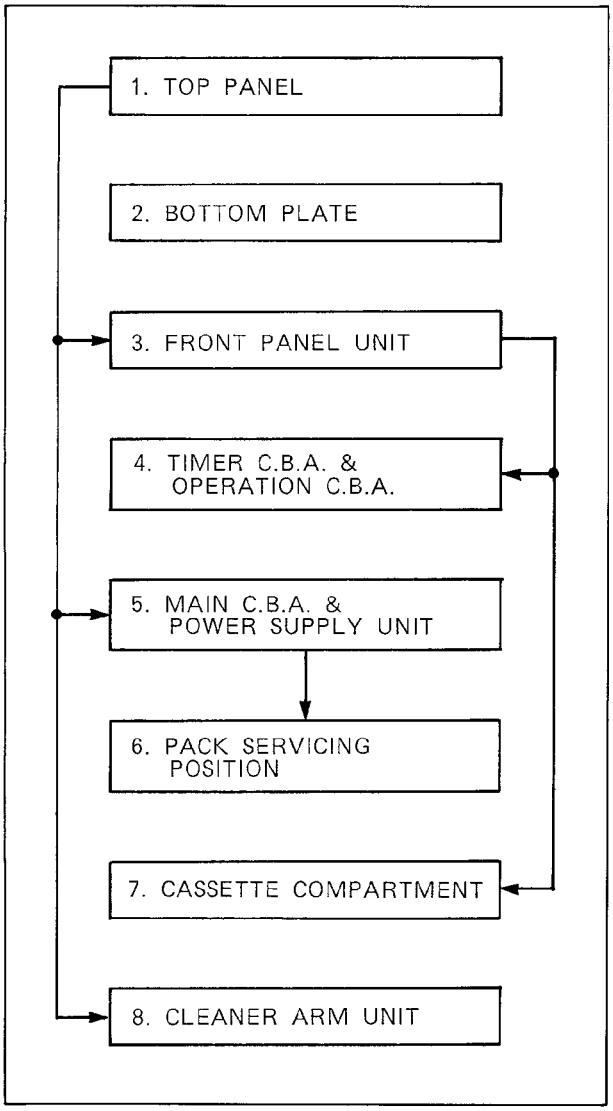

1. TOP PANEL
2. BOTTOM PLATE
3. FRONT PANEL UNIT
4. TIMER C.B.A. & OPERATION C.B.A.
5. MAIN C.B.A. & POWER SUPPLY UNIT
6. PACK SERVICING POSITION
7. CASSETTE COMPARTMENT
8. CLEANER ARM UNIT

Fig. D1

2-1-2. DETAIL OF DISASSEMBLY METHOD

1. REMOVAL OF THE TOP PANEL

Remove...4 Screws(A)

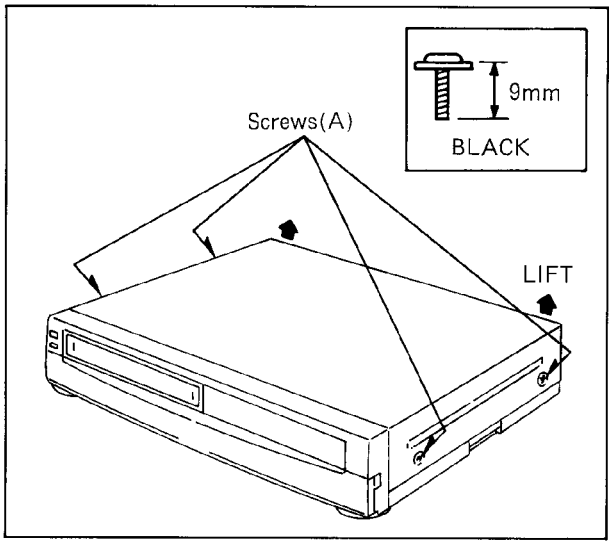


Fig. D2

2. REMOVAL OF THE BOTTOM PLATE

Remove...6 Screws(B)

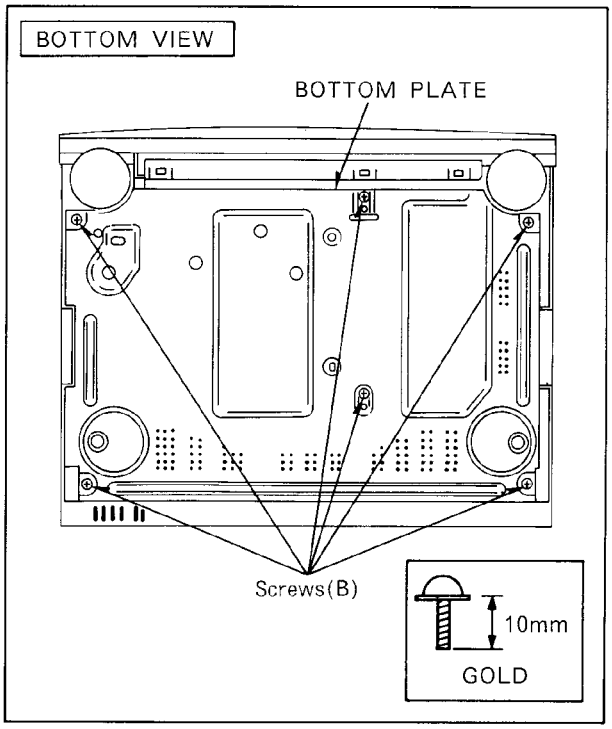


Fig. D3

3. REMOVAL OF THE FRONT PANEL UNIT

Remove...Screw(C)
Unlock...8 Tabs(D)
Disconnect...Connector(E)

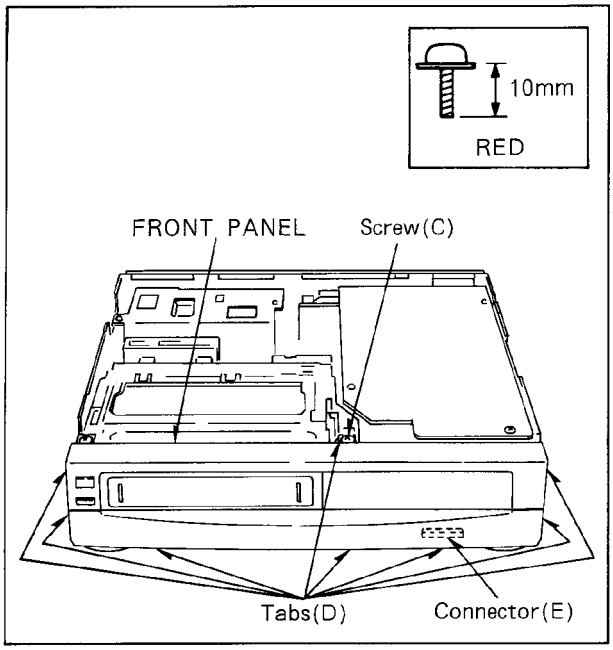


Fig. D4

4. REMOVAL OF THE TIMER C.B.A. & OPERATION C.B.A.

REMOVAL OF THE TIMER C.B.A.

Disconnect...Bridge Connector(F)
Unlock...3 Tabs(G)

REMOVAL OF THE OPERATION C.B.A.

Disconnect...Bridge Connector(F)
Unlock...2 Tabs(H)

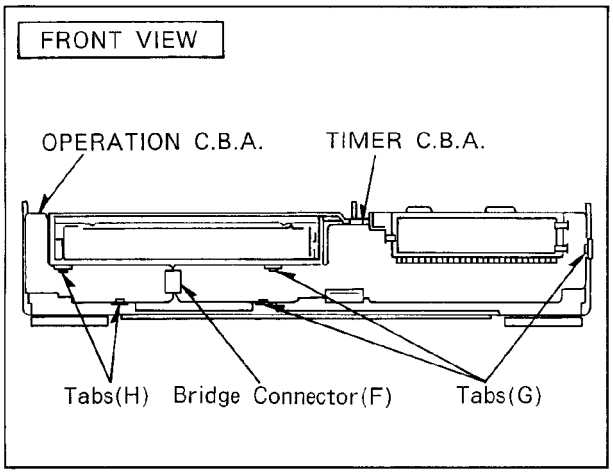


Fig. D5

5. REMOVAL OF THE MAIN C.B.A. & POWER SUPPLY UNIT

REMOVAL OF THE MAIN C.B.A.

Remove...Screw(I)
Remove...2 Screws(J)
Remove...2 Screws(K)

REMOVAL OF THE POWER SUPPLY UNIT

Remove...2 Screws(L)
Remove...Screw(M)

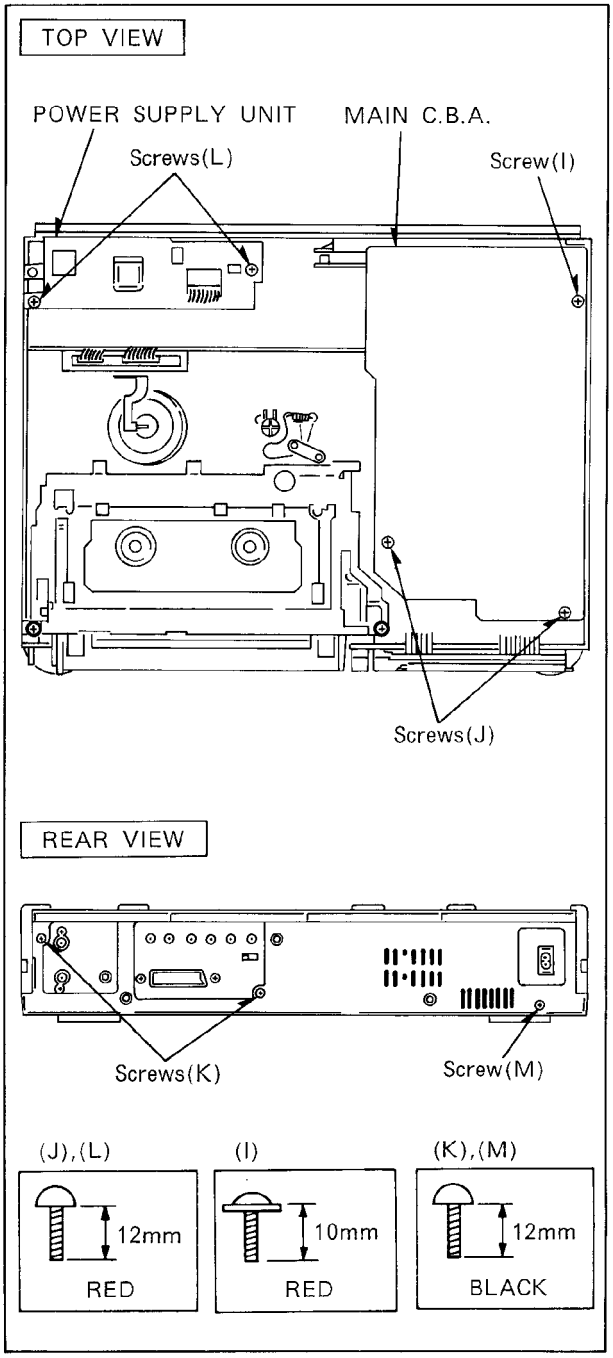


Fig. D6

6. PACK SERVICING POSITION

CAUTION:
Confirm that the isolation between Mechanical Chassis and Main C.B.A. before connecting Main AC.

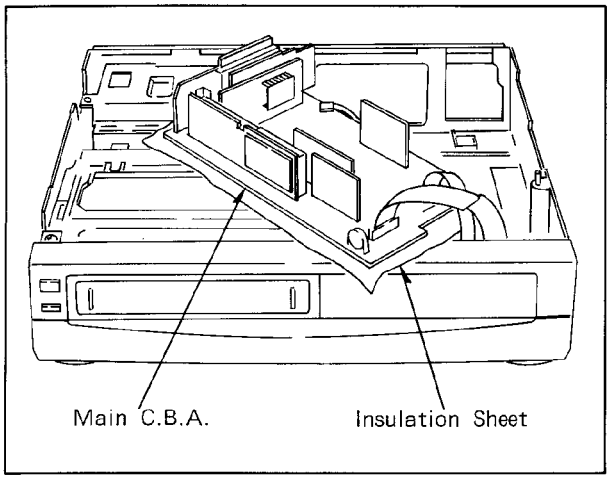


Fig. D7

7. REMOVAL OF THE CASSETTE COMPARTMENT

Remove the 2 screws(N) and screw(P).
Slide the cassette holder unit for appearing 2 screws(O) by turning(clockwise) the Capstan Rotor Unit(located in the bottom side as shown in Fig.D9) and remove the 2 screws(O).
Remove the wire cable from connector P1508 mounted on Take-up Photo Tr. C.B.A., then carefully pull out the Cassette Compartment.

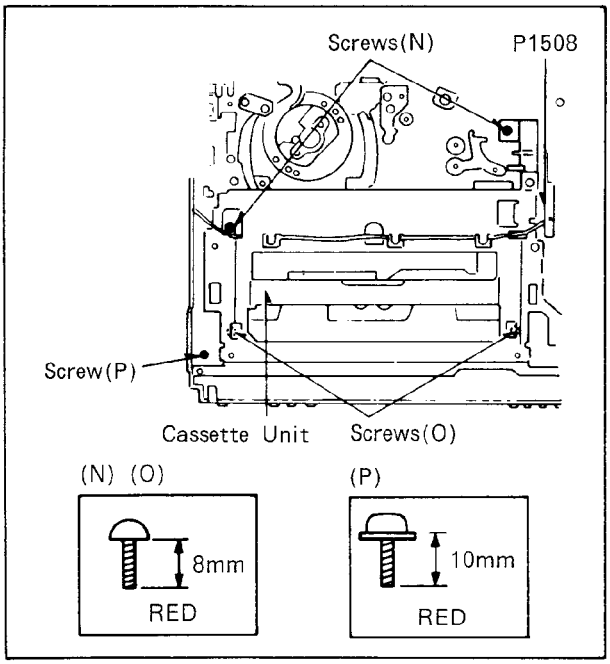


Fig. D8

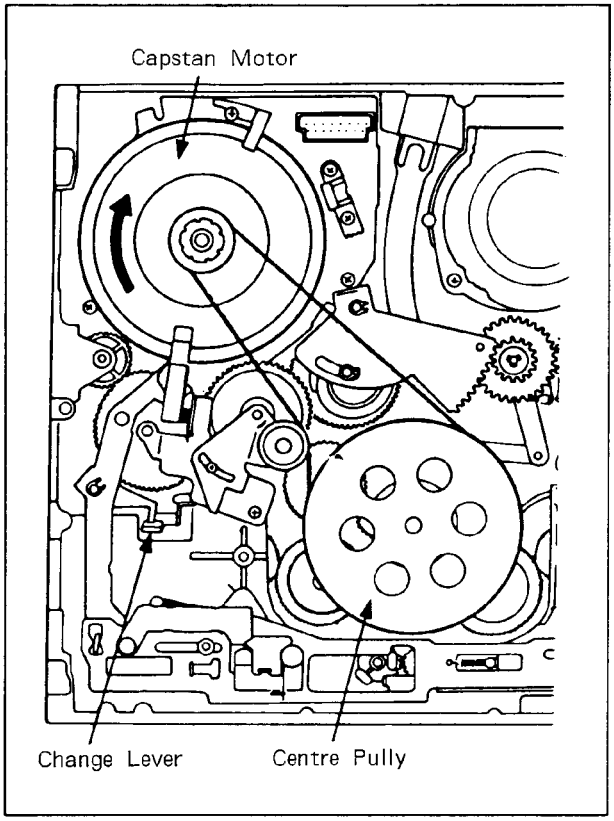


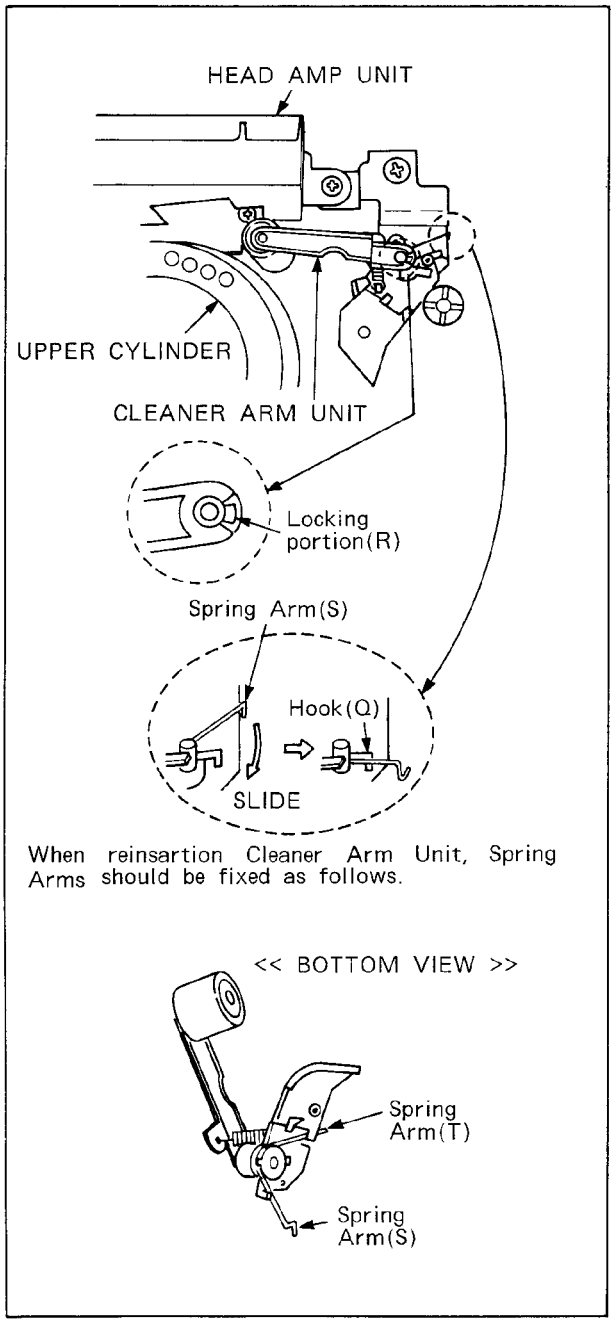
Fig. D9

NOTE:
When reinstalling the Cassette compartment, mechanical adjustment(alignment) must be performed for correct working. Refer to Service Manual. (G1 (G-Rev.) mechanical chassis) (Order No. VRD8901M101).

8. REMOVAL OF THE CLEANER ARM UNIT

1. Hook the Spring Arm(S) to lower side of Hook (Q).
2. Unlock the locking portion(R) and then remove the Cleaner Arm Unit.

NOTE:
(1) Perform the steps in the reverse order when Assembling.
(2) When replacing Upper Cylinder, replace Cleaner Arm at the same time.



When reinsartion Cleaner Arm Unit, Spring Arms should be fixed as follows.

Fig. D10

2-2. MECHANICAL ADJUSTMENT PROCEDURES

This mechanical chassis of these model NV-F55A/EA/EE is the same as G1(G-Rev.) Mechanical Chassis.
Therefore please refer to the Service Manual G1(G-Rev.) Mechanical Chassis (Order No. VRD8901M101).

2-2-1. TAPE INTERCHANGEABILTY ADJUSTMENT

CAUTIONS:
Make a Adjustment Mode as shown in Fig.M1 (Connect a Cut Jumper Wire.)

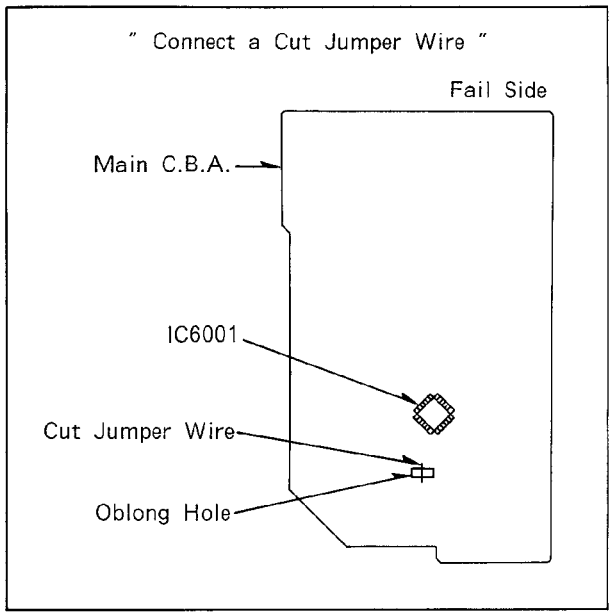
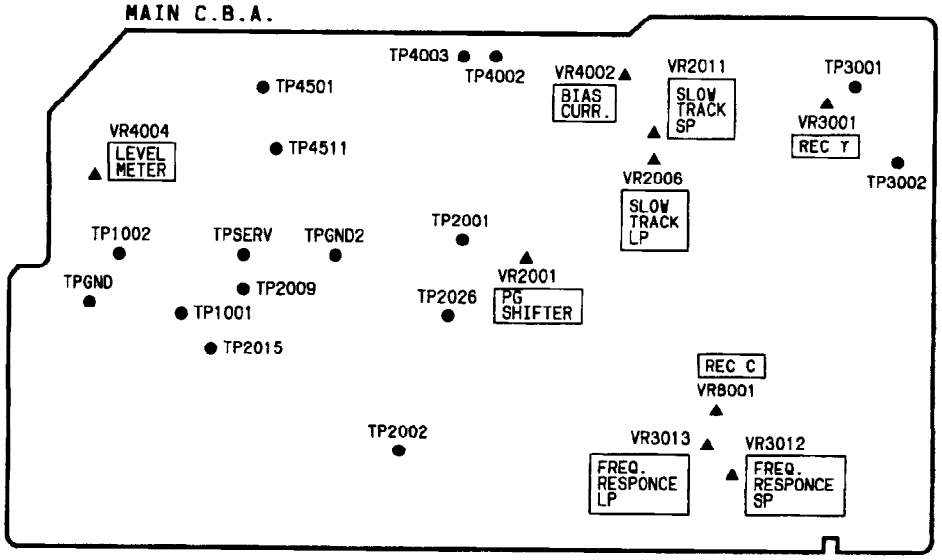


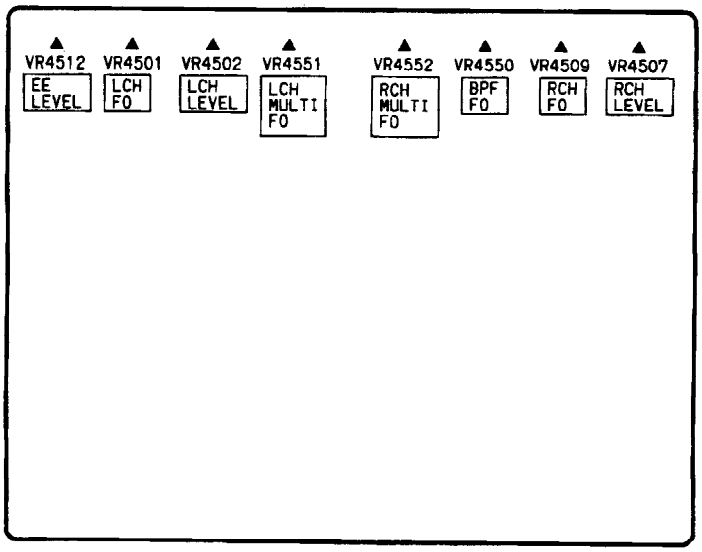
Fig. M1 Adjustment Mode

LOCATION OF TEST POINTS & CONTROLS

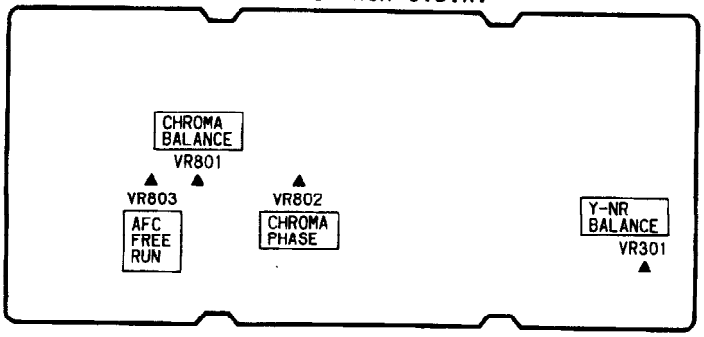
MAIN C.B.A.



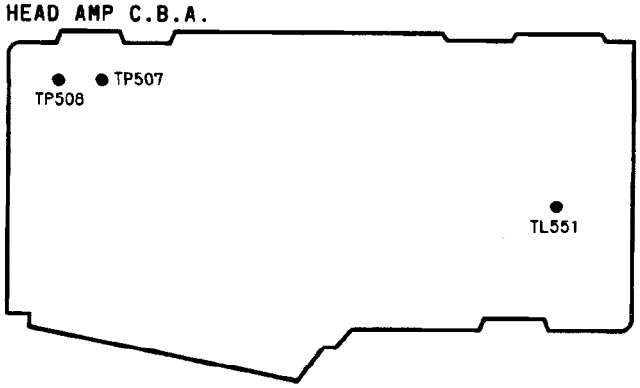
Hi-Fi AUDIO PACK C.B.A.



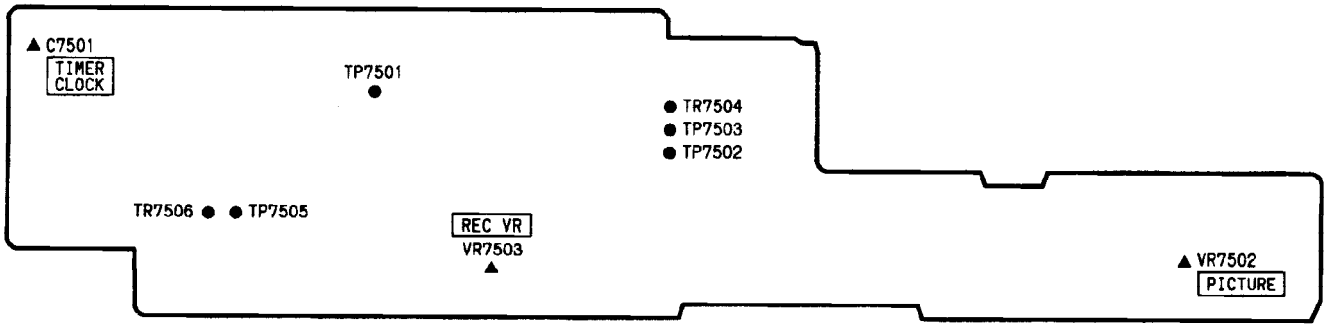
LUMINANCE & CHROMINANCE PACK C.B.A.



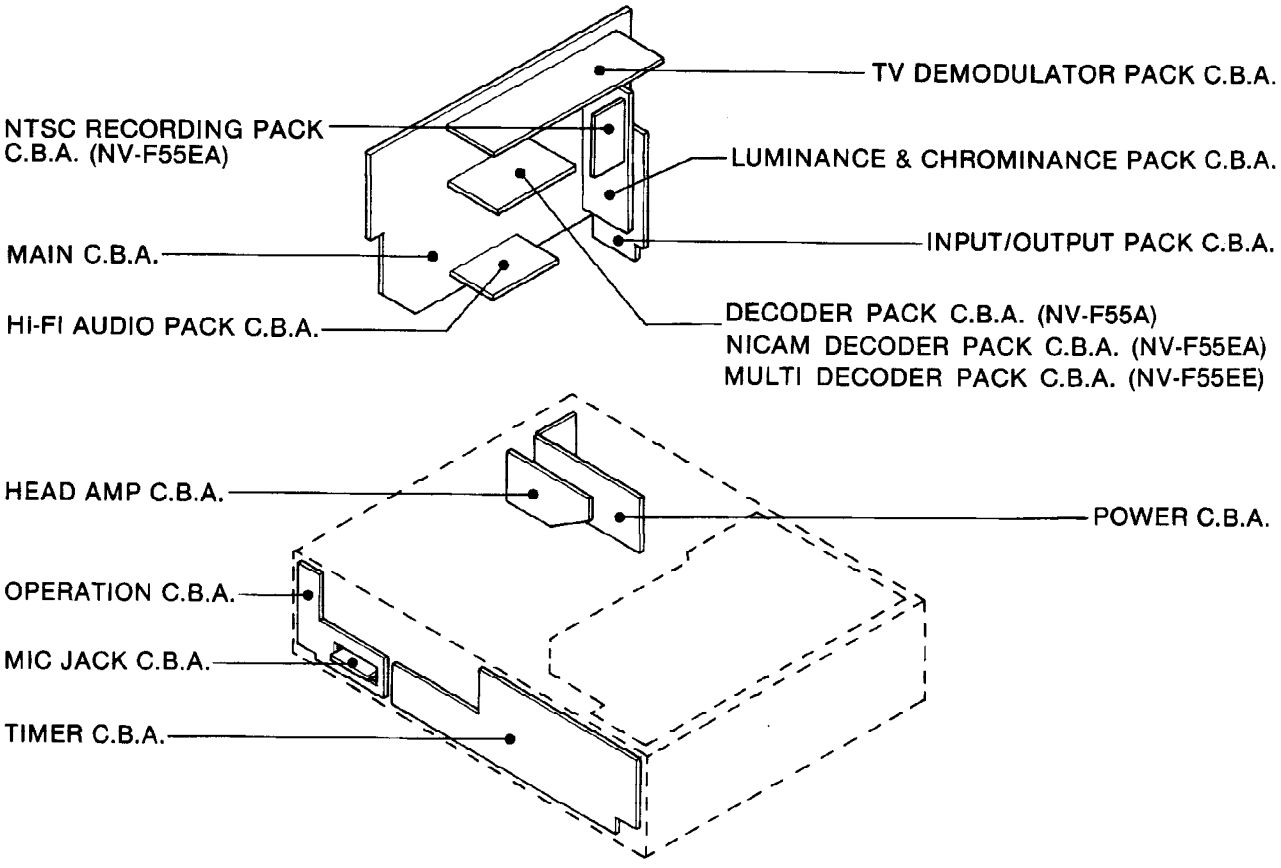
HEAD AMP C.B.A.



TIMER C.B.A.



CIRCUIT BOARD LAYOUT



2-3. ELECTRICAL ADJUSTMENT PROCEDURES

This section provides complete electrical adjustment procedures which may be required for electric circuits of VHS Video Cassette Recorders.

2-3-1. TEST EQUIPMENTS

To perform the electrical adjustments completely, following equipments are required.

(1) Dual-Trace Oscilloscope. (Mode than 35 MHz)
Voltage Range: 0.005-5V/div
Frequency Range: DC-35MHz
Probes: 10:1
(2) Frequency Counter.
Frequency Range: 0-10MHz
Probes: 1:1
(3) Universal Counter.
(4) Vacuum Tube Volt Meter. (V.T.V.M.)
(5) Video Sweep Generator.
(6) Sine Wave Generator.
(7) Video Pattern Generator.
(8) VHS Alignment Tape. (VFJ8125H3F)
(9) VHS Blank Tape.
(10) Monitor.
(11) Plastic Tip Driver.

2-3-2. PREPARATION

During adjustments, set each selector as follows when no indication on each procedures.

(1) PICTURE VR...Centre Fix
(2) HiFi/NORMAL Mix SW...OFF
(3) NTSC 4.43 SW...OFF: A/EE
VTR SYSTEM SW...PAL: EA
(4) NOISE FILTER EDIT SW...OFF
(5) TAPE SELECT SW...E195 side
(6) AUDIO REC VR...Centre Fix
(7) PAL/MESECAM SELECTOR...PAL (NV-F55EE)
(8) TEST SIGNAL SW(REAR)...OFF

2-3-3. HOW TO READ ADJUSTMENT PROCEDURES

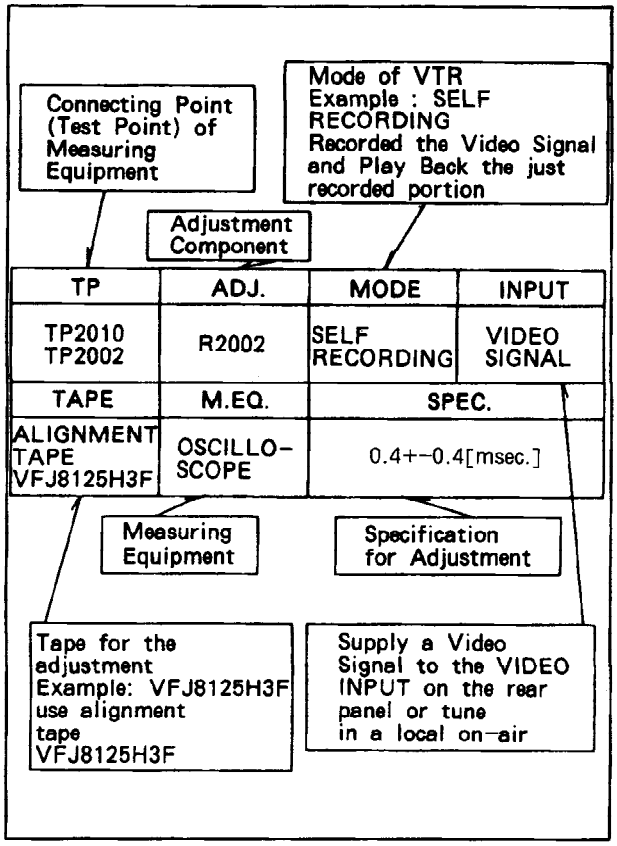


Fig. E1

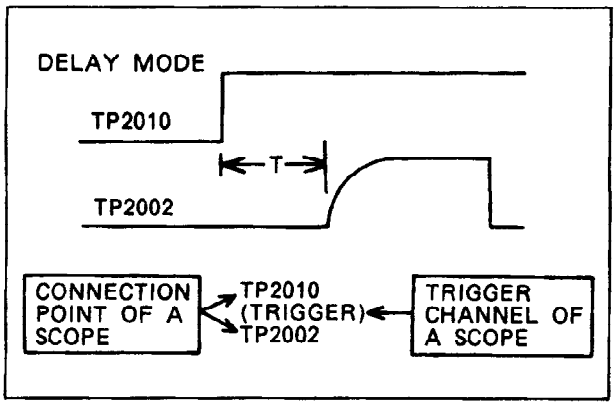


Fig. E2

SERVO SECTION

2-3-4. PG SHIFTER ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP2001 TP3002	VR2001	PLAYBACK	
TAPE	**M. EQ.**	**SPEC.**	
ALIGNMENT TAPE VFJ8125H3F	OSCILLO-SCOPE	7.0+-0.5[H]	

1. Connect the oscilloscope to TP2001(H.SW) and TP3002(V.OUT).
2. Playback the alignment tape.
3. Adjust the VR2001 so that the phase difference between falling edge of the Head SW pulse and V-Sync becomes 7.0+-0.5[H].

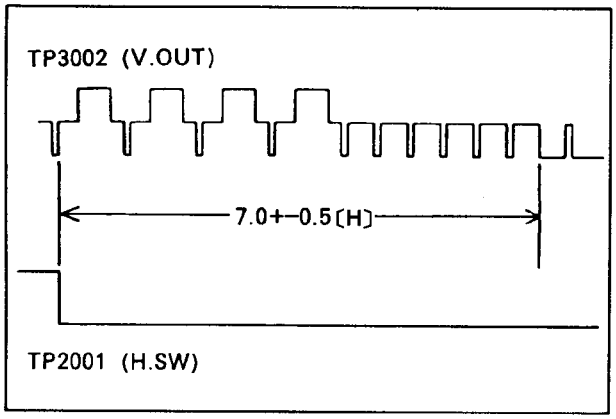


Fig. E3

2-3-5. SLOW TRACKING ADJUSTMENT

TP	ADJ.	MODE	INPUT
MONITOR SCREEN	VR2011	SP (SELF RECORDED) STILL	COLOUR BAR
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	MONITOR TV	A=B (A+B)/V<1/6	

1. Record the colour bar in SP mode for a few minutes and playback the just recorded portion.
2. Place the unit in SLOW mode by pressing the slow button on the Remote Controller Unit.
3. Push both + and - buttons together to set up at the fix position.
4. Adjust the VR2011 so that a noise bar on the monitor screen becomes minimum. (Detail specifications are shown in Fig.E4)

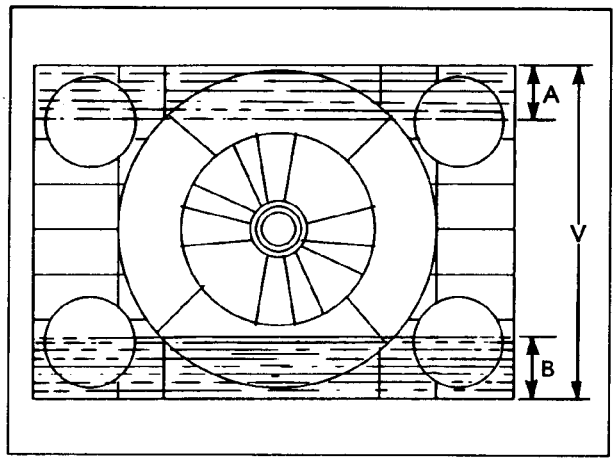


Fig. E4

LUMINANCE & CHROMINANCE SECTION

2-3-6. Y-NR BALANCE ADJUSTMENT

TP	ADJ.	MODE	INPUT
PIN (17) of IC302	VR301	LP RECORDING	COLOUR BAR
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE	MINIMIZED AS POSSIBLE (Less than 50mVp-p)	

Note:
Connect the capacitor 1500pF between Pin 17 of IC302 and GND.

1. Record the colour bar in LP mode.
2. Connect the oscilloscope to Pin 17 of IC302.
3. Adjust the VR301 so that the amplitude at Pin 17 of IC302 becomes minimum.

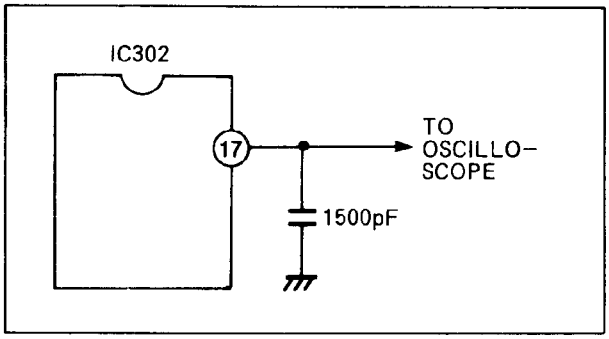


Fig. E5

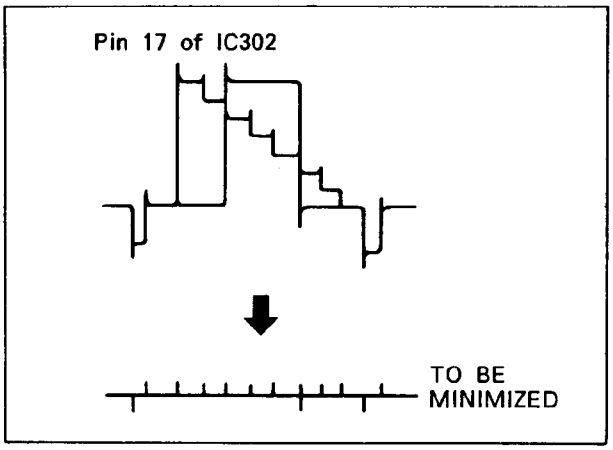


Fig. E6

2-3-7. ARTIFICIAL PAL AFC FREE RUN ADJUSTMENT

TP	ADJ.	MODE	INPUT
PIN (9) of IC801	VR803	STOP	SINEWAVE 8KHz -10dB (316mV)
TAPE	**M. EQ.**	**SPEC.**	
	FREQUENCY COUNTER SINEWAVE GENERATOR	15735+-100[Hz]	

Note:
Supply +5V DC to Pin 15 of IC801.

1. Supply the sinewave (8KHz/-10dB) to Line In. (Video In)
2. Connect the frequency counter to Pin 9 of IC801.
3. Turn the VR803 to the end of direction which is maximum frequency side.
4. Adjust the VR803 so that the frequency becomes 15735+-100[Hz].

2-3-8. RECORDING CURRENT ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP507(HOT) TP508(GND)	VR3001(Y) VR8001(C)	SP RECORDING	COLOUR BAR
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE	Y:105+-5[mVp-p] C:28+-2[mVp-p]	

1. Record the colour bar in SP mode.
2. Connect the oscilloscope to TP507(HOT) and TP508(GND).
3. Adjust the VR3001 so that the amplitude of V.sync tip portion becomes 105+-5[mVp-p].
4. Supply +5V DC to Pin 6 of the Luminance & Chrominance Pack C.B.A. to reduce luminance component.
5. Adjust the VR8001 so that the amplitude of Cyan becomes 28+-2[mVp-p].

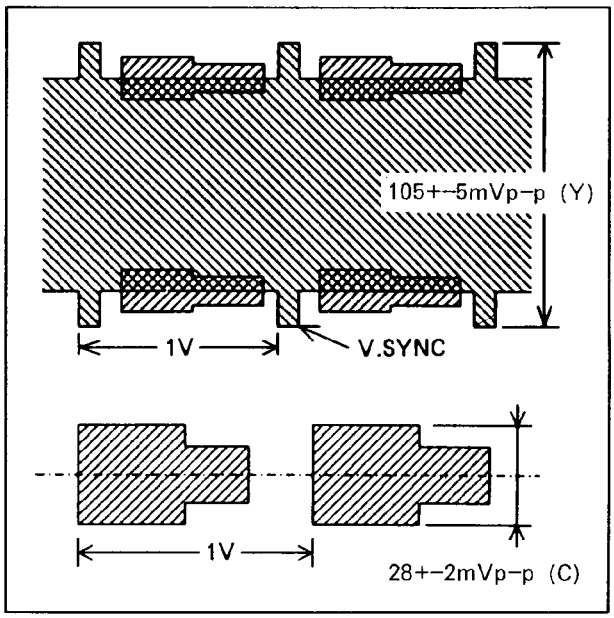


Fig. E7

2-3-9. VIDEO FREQUENCY RESPONSE ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP3002	VR3012(SP) VR3013(LP)	SP/LP (SELF RECORDED) PLAYBACK	VIDEO SWEEP SIGNAL
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	OSCILLO-SCOPE VIDEO SWEEP GENERATOR	SP : 0+-1[dB] (90~110%) LP : 0+-1[dB] (90~110%)	

Note:
Set the Video Sweep Signal as shown in Fig.E8.

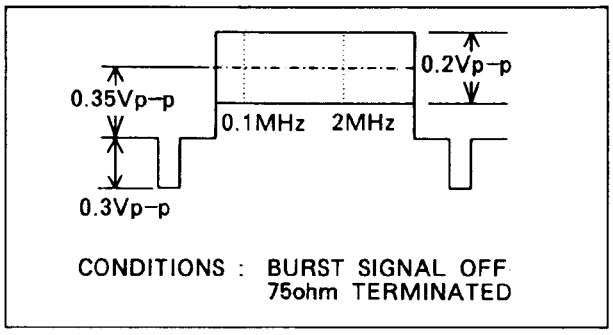


Fig. E8

Note:
Connect Pin 7 of the Luminance & chrominance C.B.A. to GND.

1. Record the Video Sweep Singal for a few minutes and playback the just recorded portion.
2. Connect the oscilloscope to TP3002.
3. Adjust the VR3012 so that the frequency response becomes 0+−1[dB] at 2MHz portion by comparing with 0.1MHz portion.
4. Record the Video Sweep Signal in LP mode for a few minutes and playback the just recorded portion.
5. Adjust the VR3013 so that the frequency response becomes 0+−1[dB] at 2MHz portion by comparing with 0.1MHz portion.

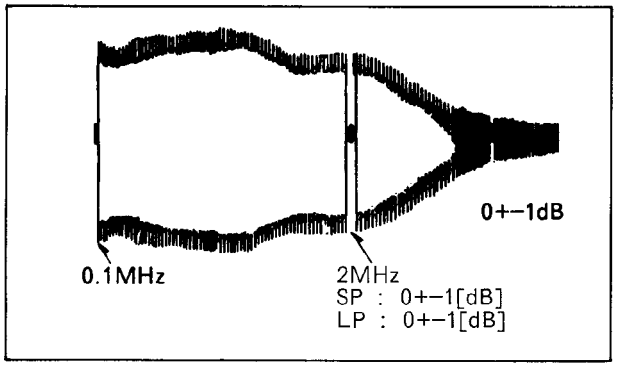
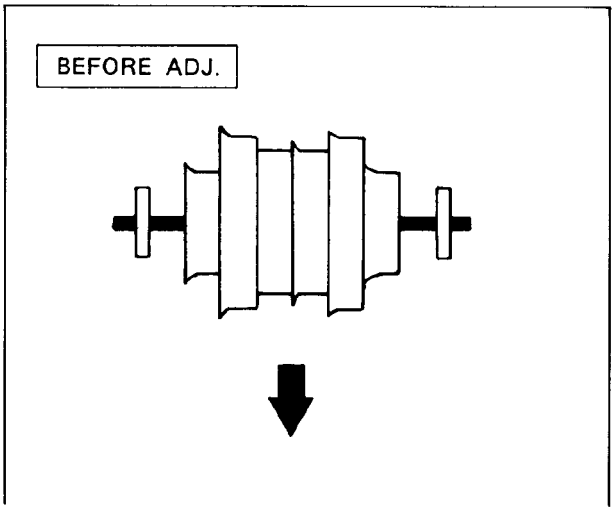


Fig. E9

2−3−10. CHROMA RECURSIVE ADJUSTMENT (NV−F55EE)

TP	ADJ.	MODE	INPUT
IC302−17 PIN	VR802 VR801	STOP	COLOUR BAR
TAPE	**M. EQ.**	**SPEC.**	
	OSCILLO−SCOPE	MINIMUM WAVEFORM	

1. Supply the colour bar to Line In. (B Model:21 Pin Scart Terminal.)
2. Connect the oscilloscope to Pin 17 of IC302.
3. Adjust the VR801 and VR802 mutually so that the chrominance amplitude to be minimum.



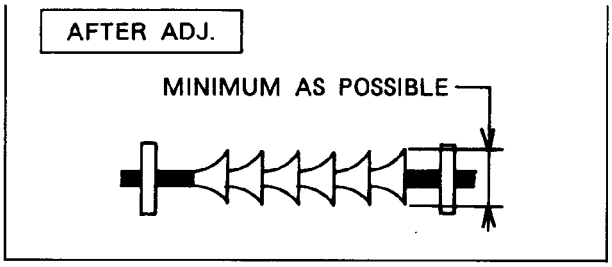


Fig. E10

AUDIO SECTION

2−3−11. HiFi E−E LEVEL ADJUSTMENT

TP	ADJ.	MODE	INPUT
LINE OUT	VR4512	STOP	1KHz, −10dB AUDIO SIG
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	SIGNAL GENERA−TOR/ V.T.V.M.	−8+−0.5dB (380−420[mVrms])	

1. Set the Audio Playback Mode Selector to the STEREO position. (Both Left and Right indicators are lit.)
2. Adjust the VR4512 so that the audio level becomes −8+−0.5dB(380∼420[mVrms]).

2−3−12 CARRIER FREQUENCY ADJUSTMENT (MULTI)

TP	ADJ.	MODE	INPUT
IC4501−34(L) IC4501−47(R)	VR4501(L) VR4509(R) VR4551(L) VR4552(R)	SP RECORDING	
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	FREQUENCY COUNTER	NTSC−L:1.3+−0.003[MHz] NTSC−R:1.7+−0.003[MHz] PAL−L:1.4+−0.003[MHz] PAL−R:1.8+−0.003[MHz]	

1. Place the unit in SP Recording mode.
2. Set the NTSC 4.43 (EA:VTR System Selector) SW on the Front Panel to ON position.
3. Connect the frequency counter to IC4501−34.
4. Adjust VR4501 so that the frequency becomes 1.3+−0.003[MHz].
5. Connect the frequency counter to IC4501−47.
6. Adjust VR4509 so that the frequency becomes 1.7+−0.003[MHz].
7. Set the NTSC 4.43(EA:VTR System Selector) SW on the Front Panel to OFF position.
8. Connect the frequency counter to IC4501−34.
9. Adjust VR4551 so that the frequency becomes 1.4+−0.003[MHz].
10. Connect the frequency counter to IC4501−47.
11. Adjust VR4552 so that the frequency becomes 1.8+−0.003[MHz].

2-3-13. DEVIATION ADJUSTMENT

TP	ADJ.	MODE	INPUT
IC4501-34(L) IC4501-47(R)	VR4502(L) VR4507(R)	SP RECORDING	1KHz, -10dBV (316[mVrms])
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	V.T.V.M./ SINEWAVE SIGNAL GEN.	355 [mVrms]	

1. Set the output of the Signal Generator to 1KHz, -10dBV and supply it to both Audio Input Jacks (L) and (R).
2. Adjust the output signal level by the Audio Recording VR so that the Outputs are 400[mVrms] at both Audio Output Jacks (L) and (R).
3. Adjust the VR4502 so that IC4501-34 becomes 355[mVrms].
4. Adjust the VR4507 so that IC4501-47 becomes 355[mVrms].

2-3-14. FM B.P.F. LEVEL ADJUSTMENT (MULTI)

TP	ADJ.	MODE	INPUT
IC4501-33(L) IC4501-48(R)	VR4550	PLAY	1.608MHz 400mVp-p SINEWAVE SIG.
TAPE	**M. EQ.**	**SPEC.**	
NTSC RECORDED TAPE	OSCILLO-SCOPE	LEVEL DIFFERENCE BETWEEN L AND R : 0(dB) (CH L = CH R)	

1. Set the NTSC 4.43(EA:VTR System Selector) SW to OFF position.
2. Disconnect P551 (from Main C.B.A. to Head AMP Pack)
3. Set the output of the Signal Generator to 1.608MHz/400mVp-p and supply it to both Audio Input terminals (L) and (R).
4. Playback the alignment tape.
5. Connect the oscilloscope to IC4501-33 and 48. (Connect the GND terminal for oscilloscope to FM Pack to reduce the noise.)
6. Adjust VR4550 so that the Lch (pin 33) and Rch (pin 48)is at the same level.
7. After this adjustment, connect P551.

2-3-15. BIAS CURRENT ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP4002 (HOT) TP4003 (GND)	VR4002	RECORDING	
TAPE	**M. EQ.**	**SPEC.**	
BLANK TAPE	V.T.V.M.	3.0+-0.1[mVrms]	

1. Place the unit in recording mode.
2. Connect the V.T.V.M. to TP4002(HOT) and TP4003(GND).
3. Adjust VR4002 so that reading of V.T.V.M. becomes 3.0+-0.1[mVrms].

2-3-16. LEVEL METER SENSITIVITY ADJUSTMENT

TP	ADJ.	MODE	INPUT
LEVEL METER	VR4004	STOP	1KHz, -10dBV (316mVrms)
TAPE	**M. EQ.**	**SPEC.**	
	SIGNAL GEN/ V.T.V.M.	0[dB] INDICATOR JUST LIGHTS UP	

1. Set the Audio Playback Mode Selector to STEREO position. (Both the Left and Right indicators are lit.)
2. Set the output Signal Generator to 1KHz, -10dBV(316mVrms) and supply it to both Audio Input Jacks (L) and (R).
3. Adjust the output signal level by the Audio Recording VR so that the outputs are 400[mVrms] at both Audio Output Jacks (L) and (R).
4. Adjust the VR4004 so that the 0[dB] of the Level Meter just lights up.

TIMER SECTION

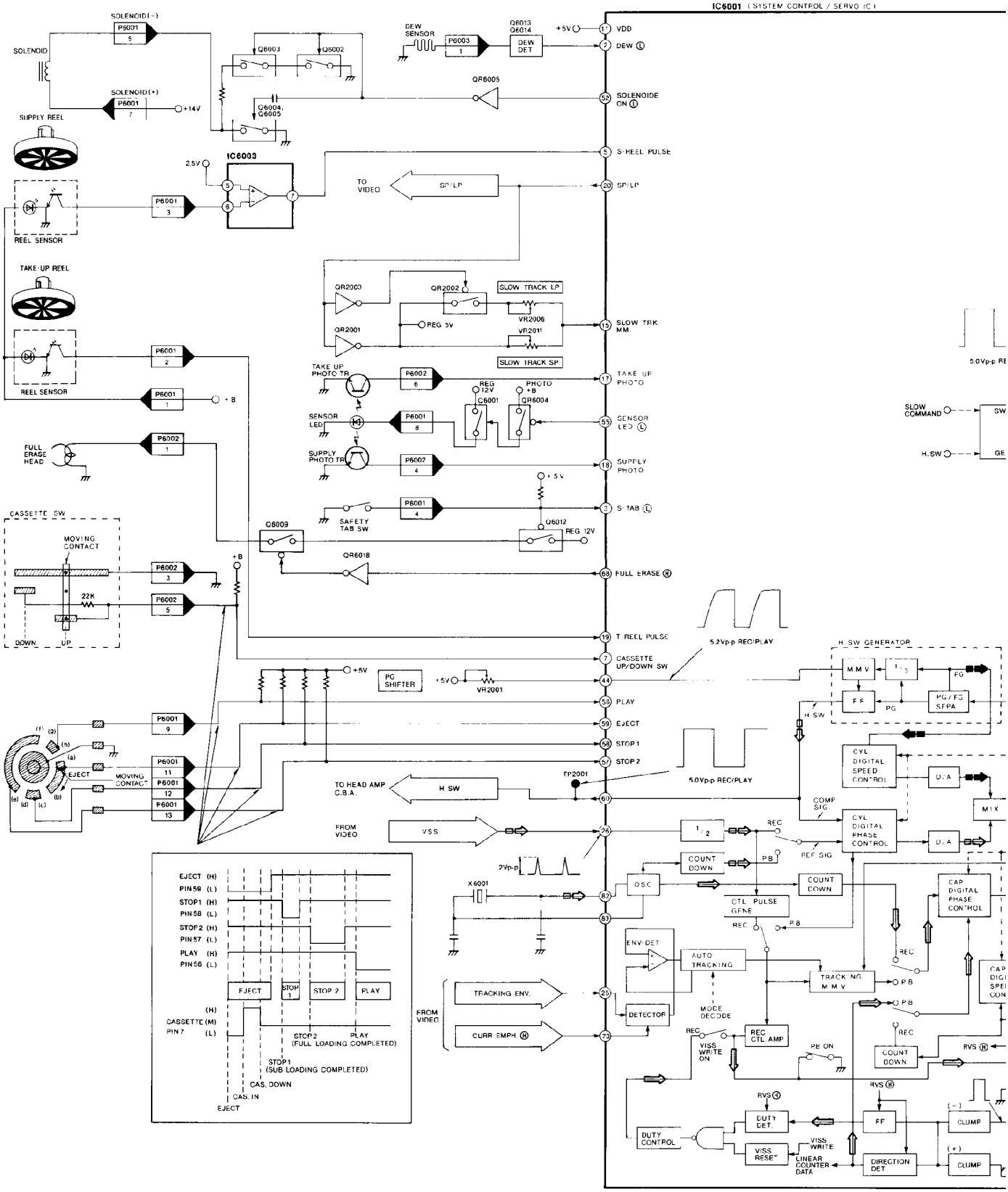
2-3-17. TIMER REFERENCE CLOCK ADJUSTMENT

TP	ADJ.	MODE	INPUT
TP7501	C7501	STOP	
TAPE	**M. EQ.**	**SPEC.**	
	UNIVERSAL COUNTER	7812.5+-0.015[usec.]	

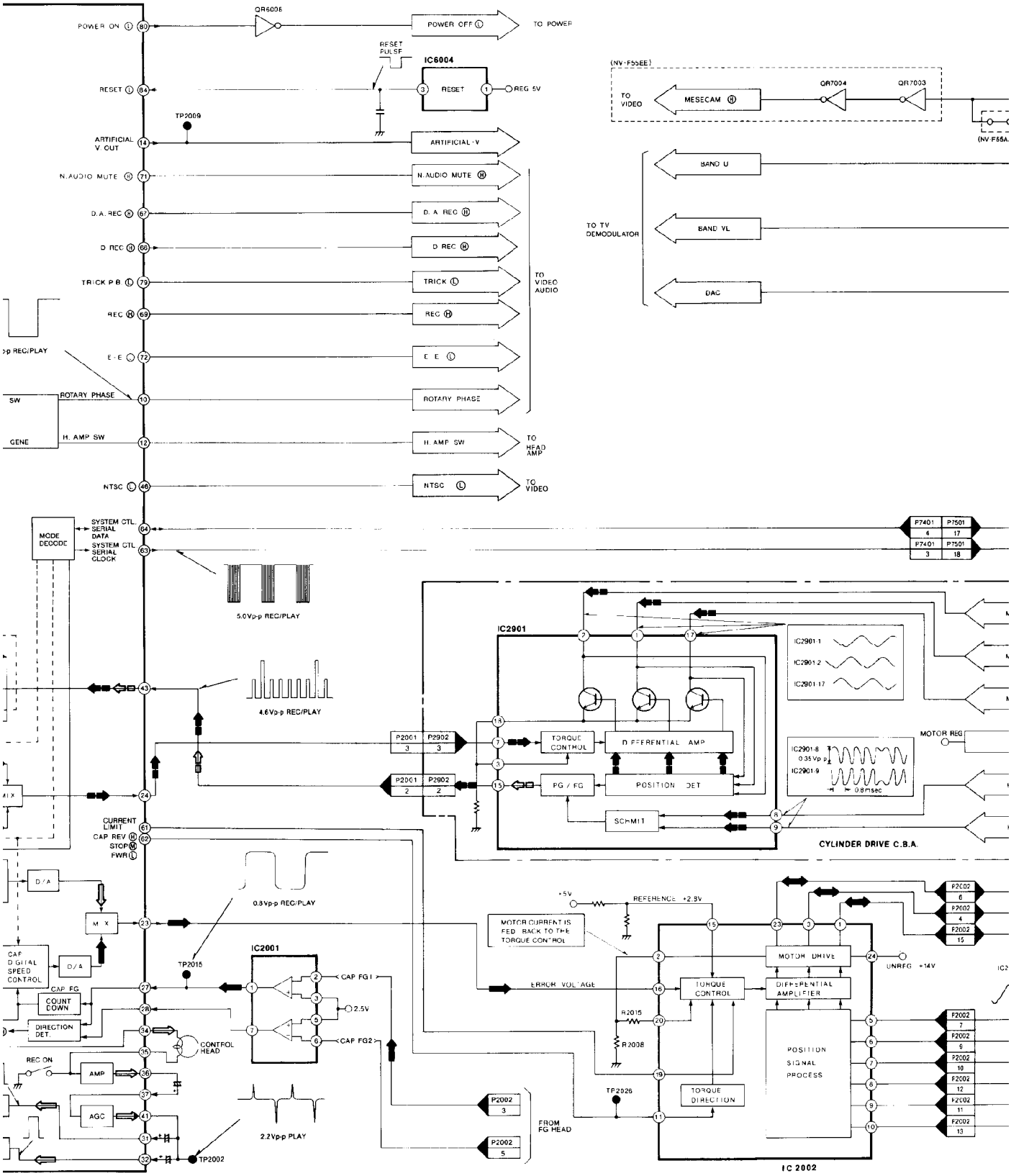
1. Connect the universal counter to TP7501.
2. Adjust C7501 so that the reading of universal counter becomes 7812.5+-0.015[usec.].

SECTION 3
BLOCK DIAGRAMS & SCHEMATIC DIAGRAMS

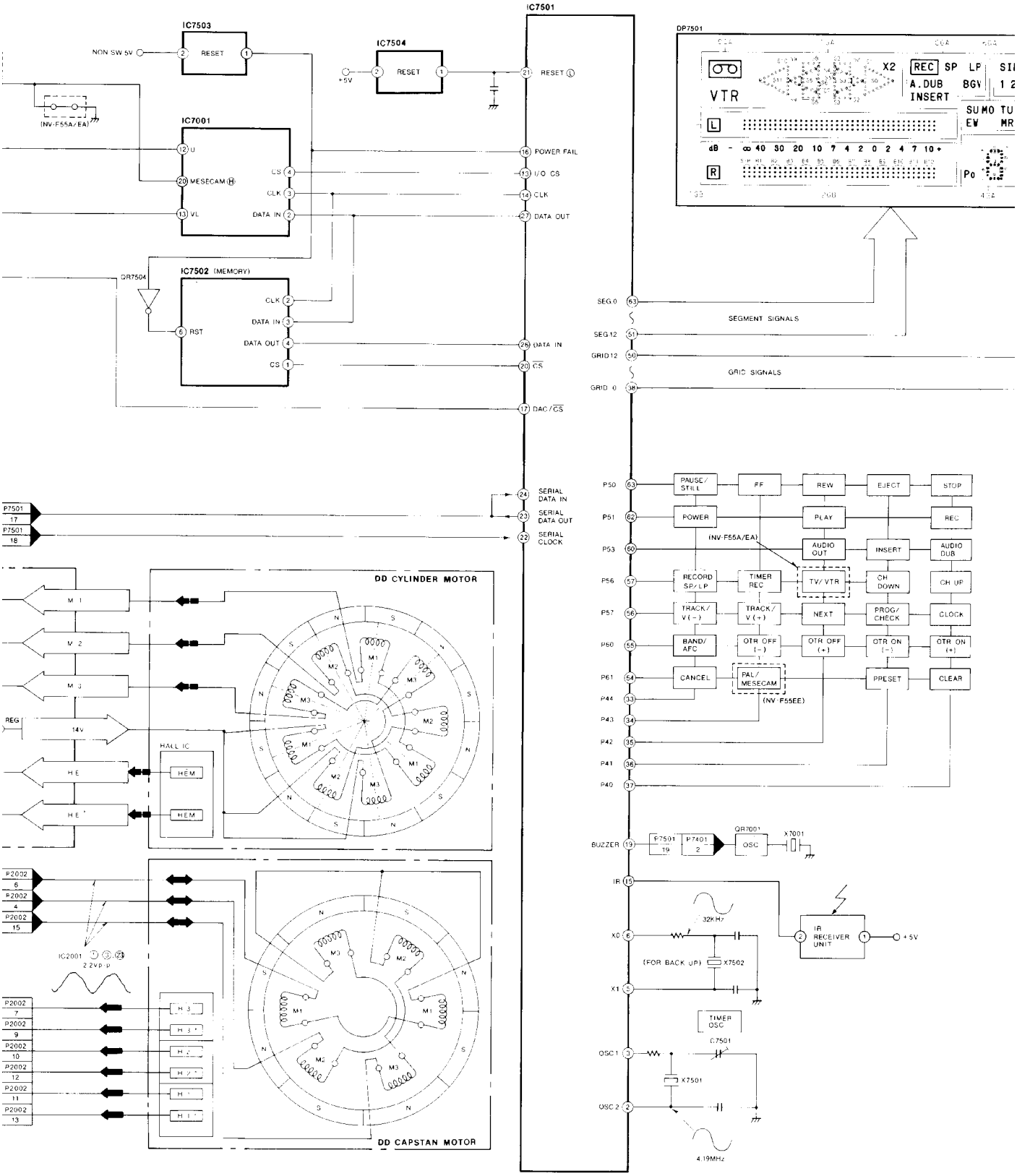
3-1. SYSTEM CONTROL & SERVO BLOCK DIAGRAM

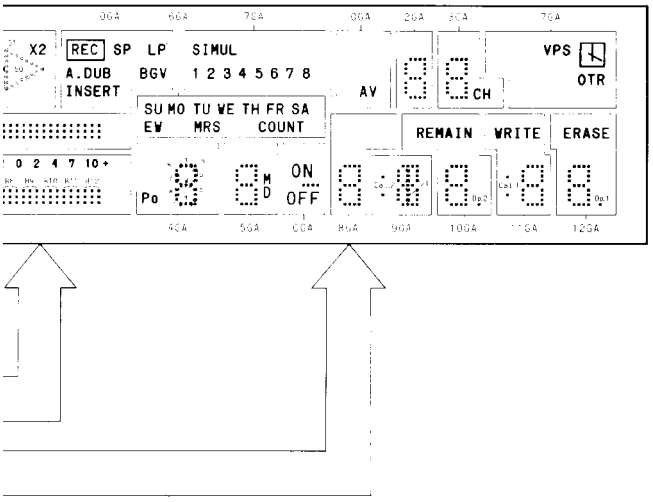


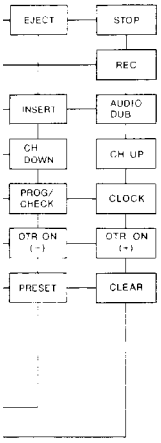
CAPSTAN SERVO SPEED LOOP ⇦ CAPSTAN SERVO PHASE LOOP ◀■ CYLINDER SEI

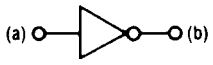
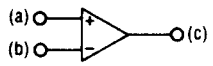
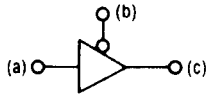
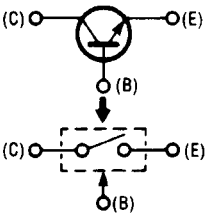
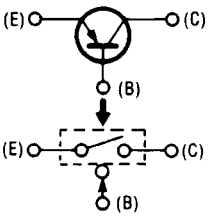
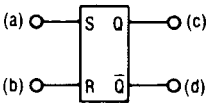


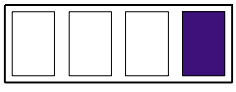
ER SERVO SPEED LOOP ⇦▭ CYLINDER SERVO PHASE LOOP



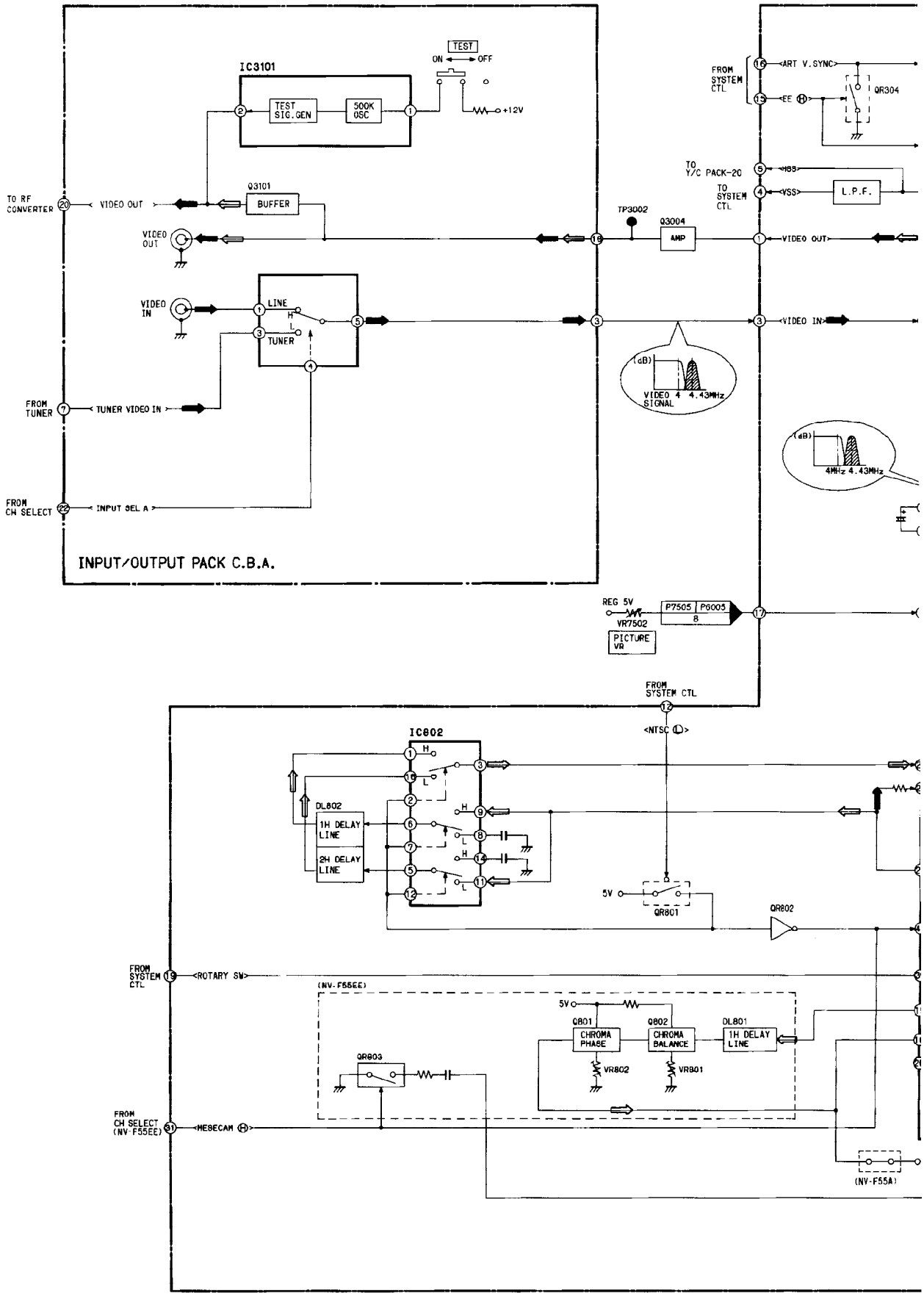


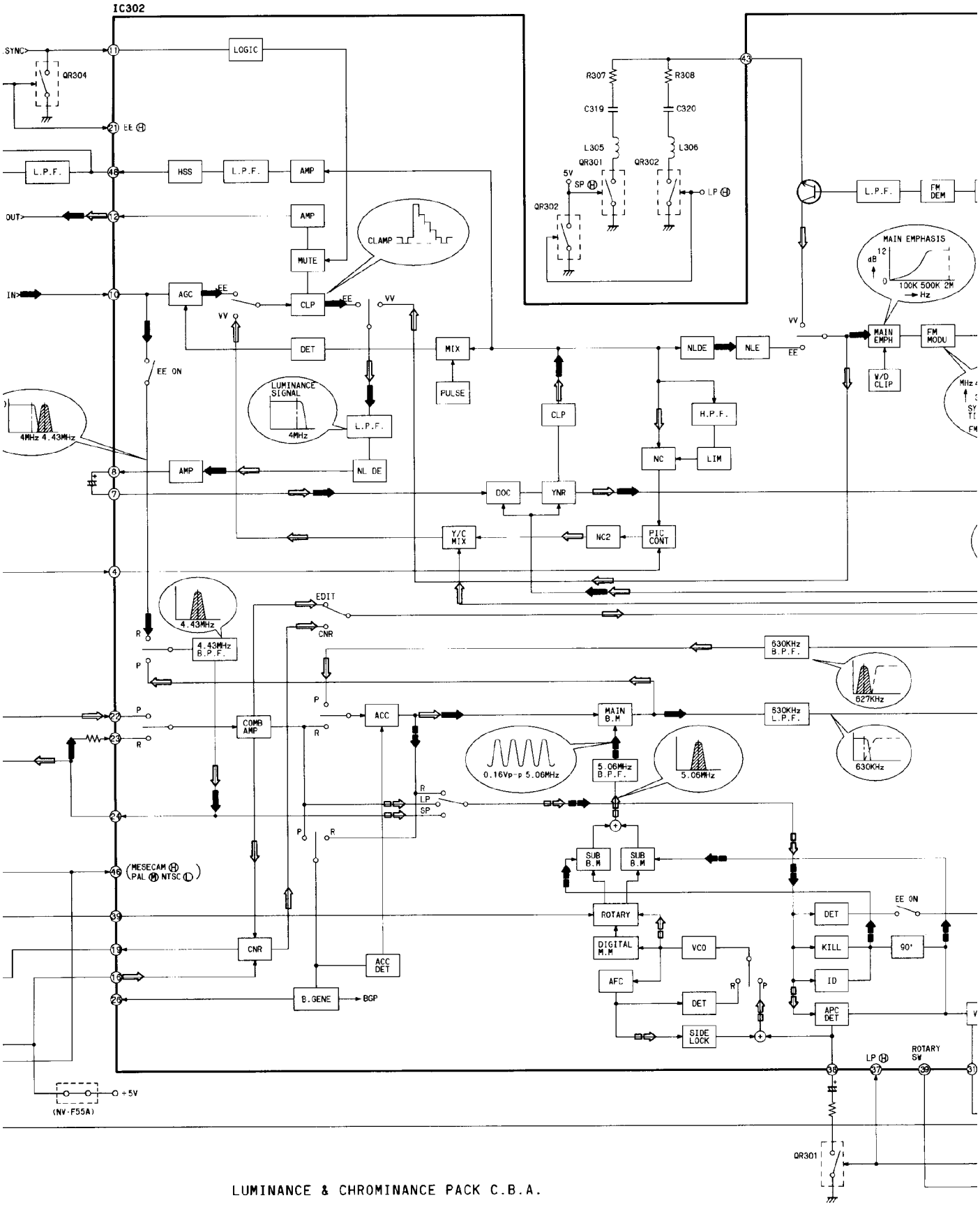


SYMBOL	TRUTH VALUE TABLE
INVERTER 	IN (a) H L OUT (b) L H
COMPARTOR 	IN (a)/(b) (a)>(b) (a)<(b) OUT (c) H L
AND CIRCUIT 	IN (a) L L H H (b) L H L H OUT (c) L L L H
OR CIRCUIT 	IN (a) L L H H (b) L H L H OUT (c) L H H H
THREE STATES BUFFER 	IN (a) H L H or L (b) L L H OUT (c) H L ※ ※ High Impedance
TR. SW (NPN TYPE) 	BASE H L TR. SW ON OFF
TR. SW (PNP TYPE) 	BASE H L TR. SW OFF ON
R-S TYPE FLIP-FLOP 	IN (a) L L ⎍ (b) L ⎍ L OUT (c) ※ L H (d) ◆ H L ※ Initial condition is maintained. ◆ Initial condition is reversed.



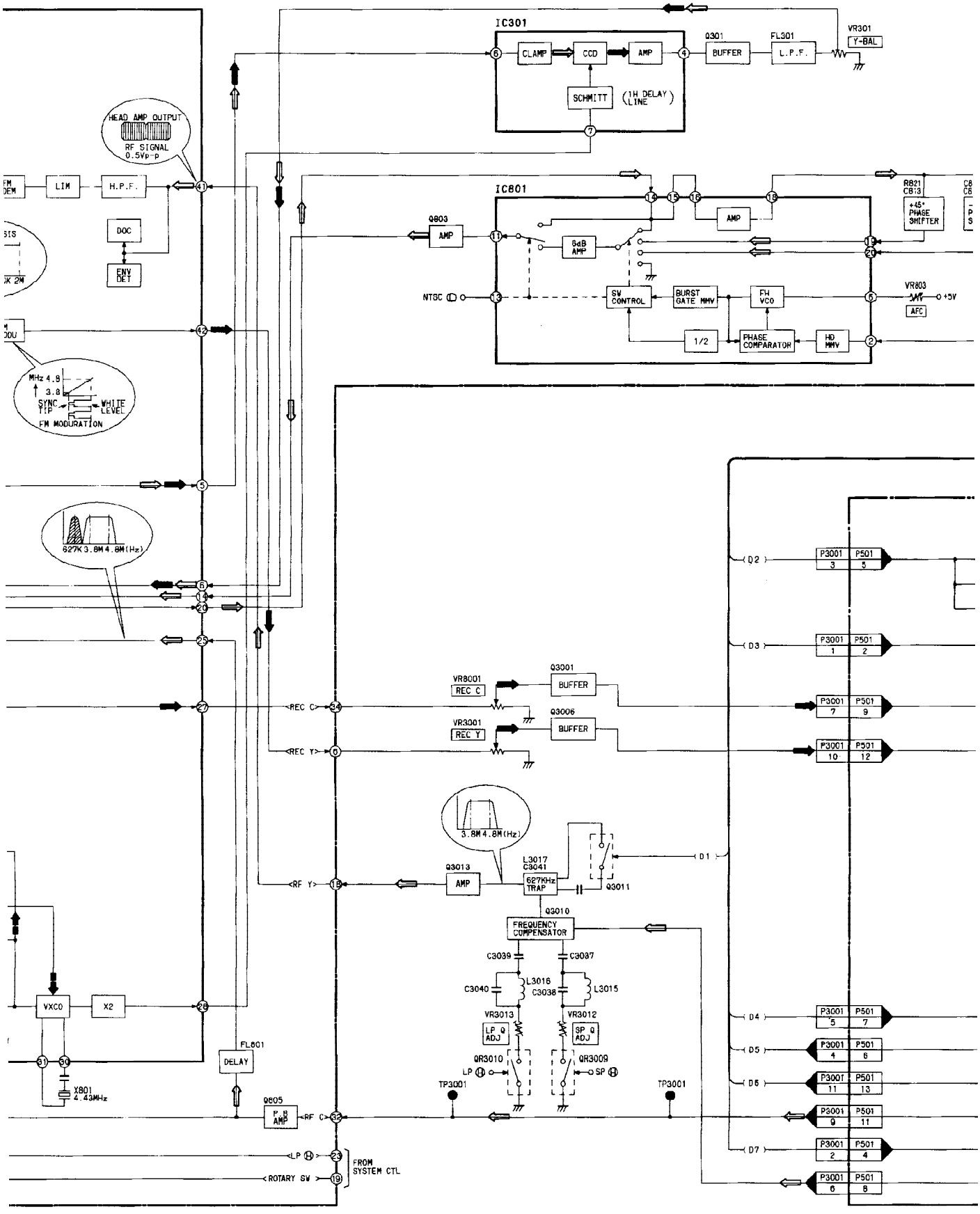
3-2. LUMINANCE & CHROMINANCE BLOCK DIAGRAM (NV-F55A/E



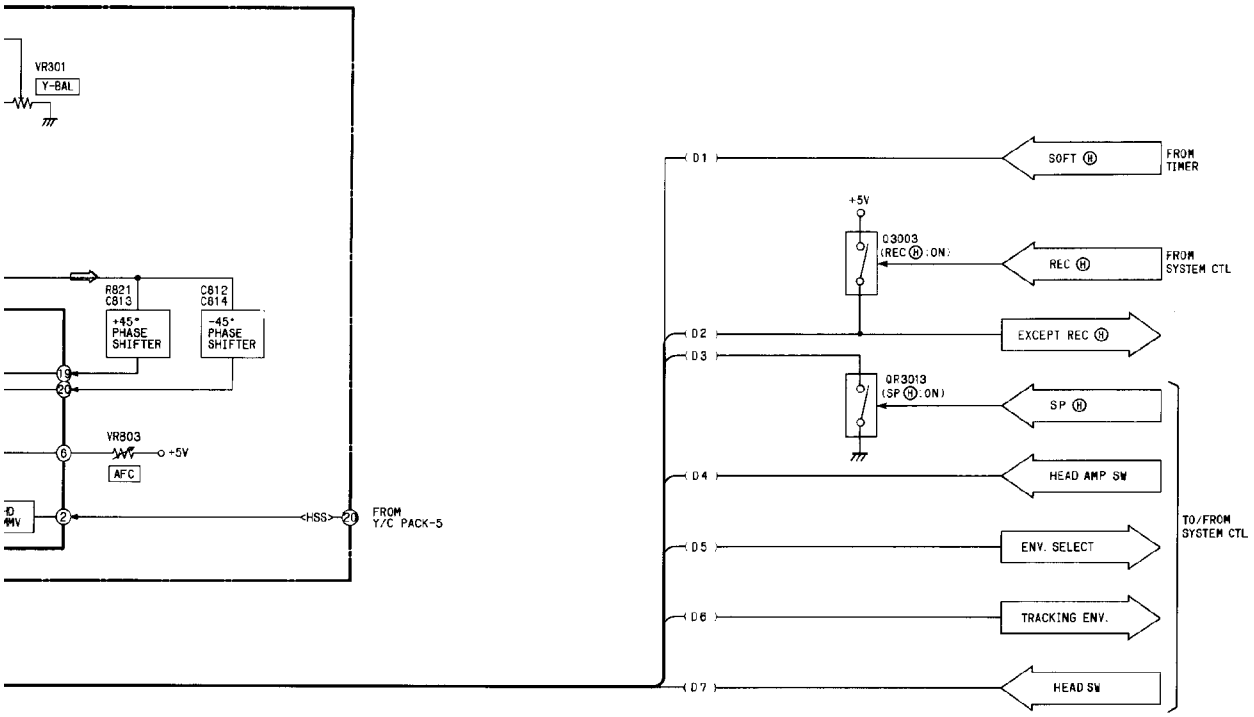


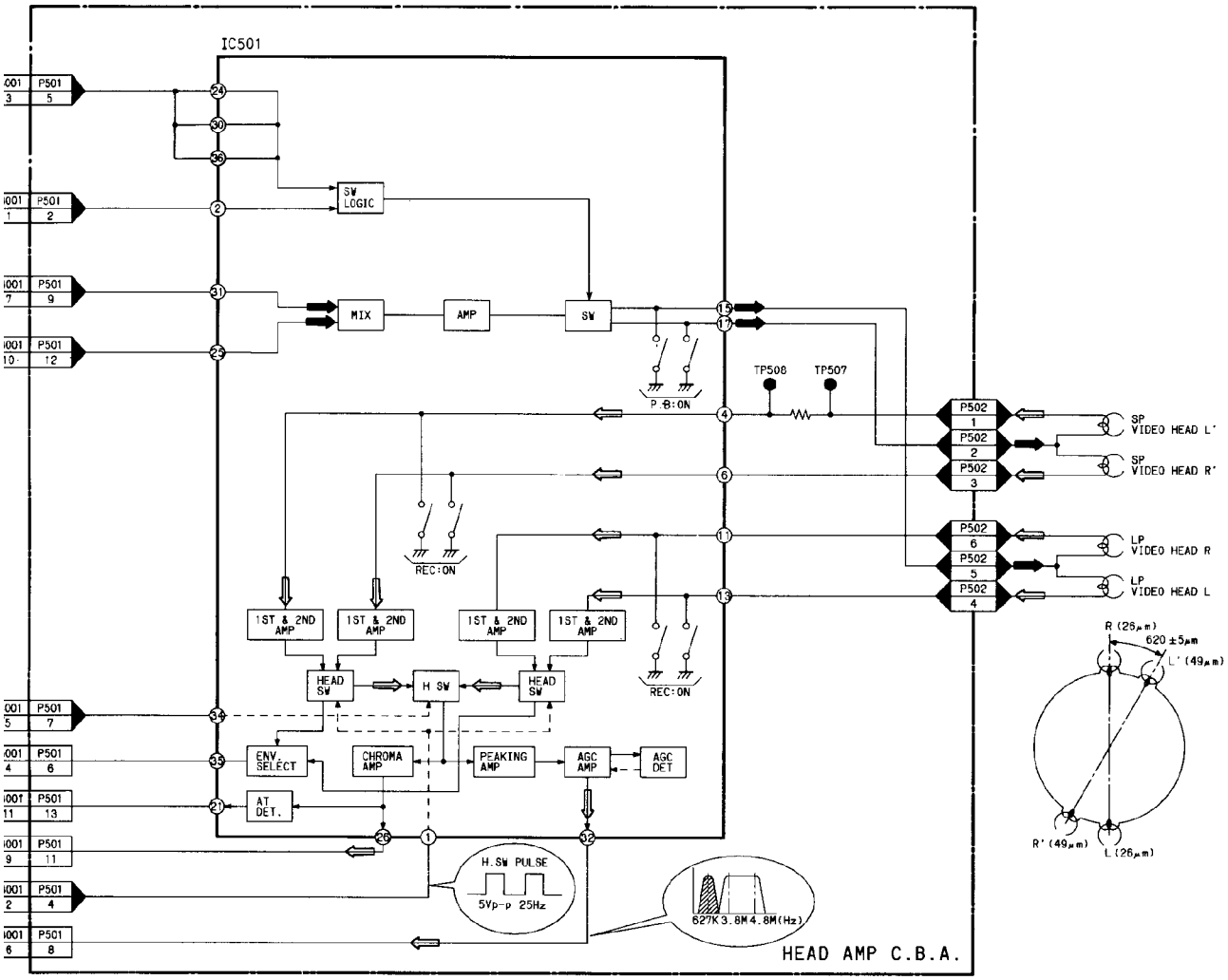
LUMINANCE & CHROMINANCE PACK C.B.A.

PLAYBACK MODE ◀■ 5.06MHz PHASE ROTATIONAL SIGNAL IN REC MODE ◁□ 5.06M

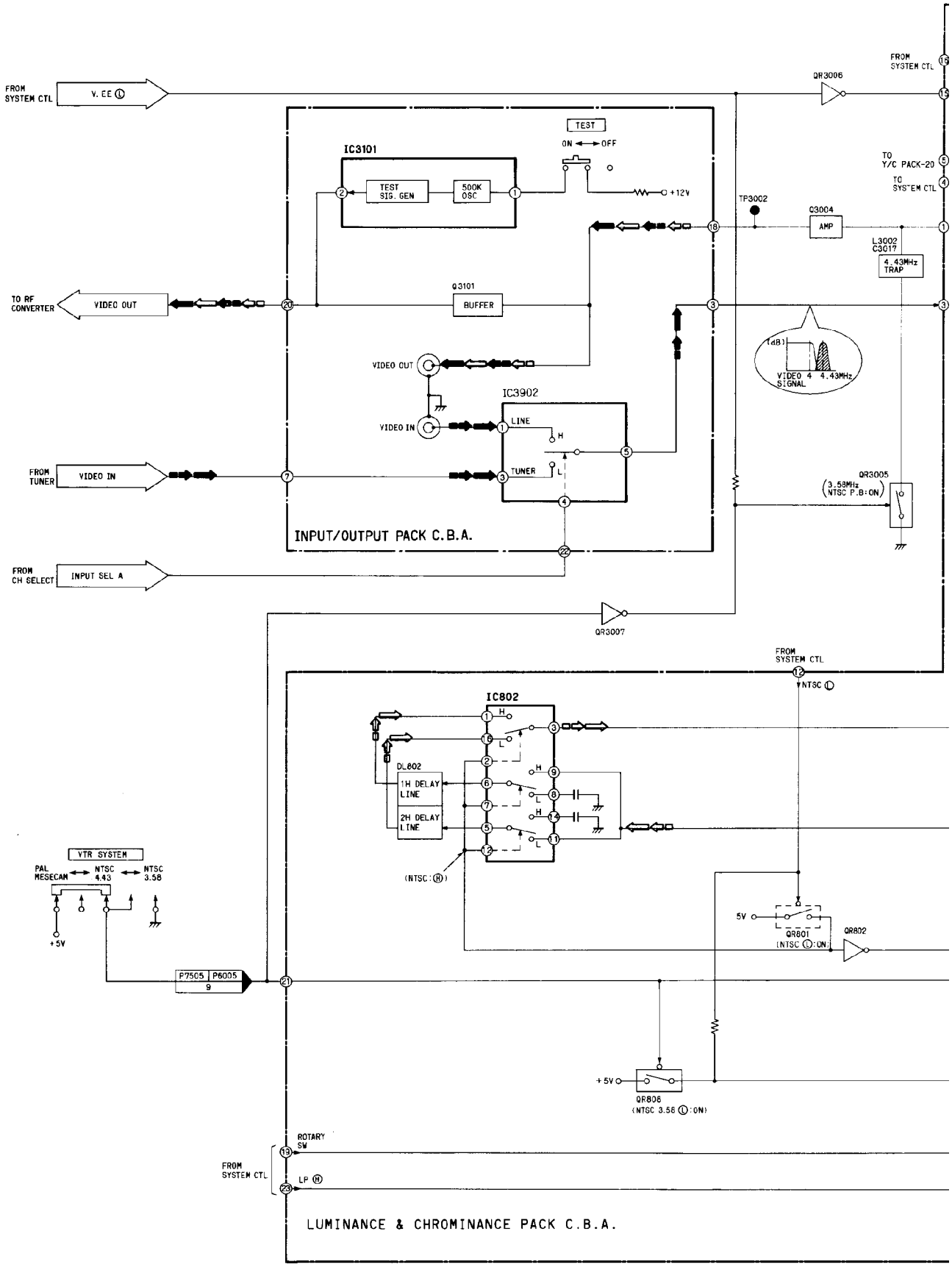


E ⇦□ 5.06MHz PHASE ROTATIONAL SIGNAL IN PLAYBACK MODE

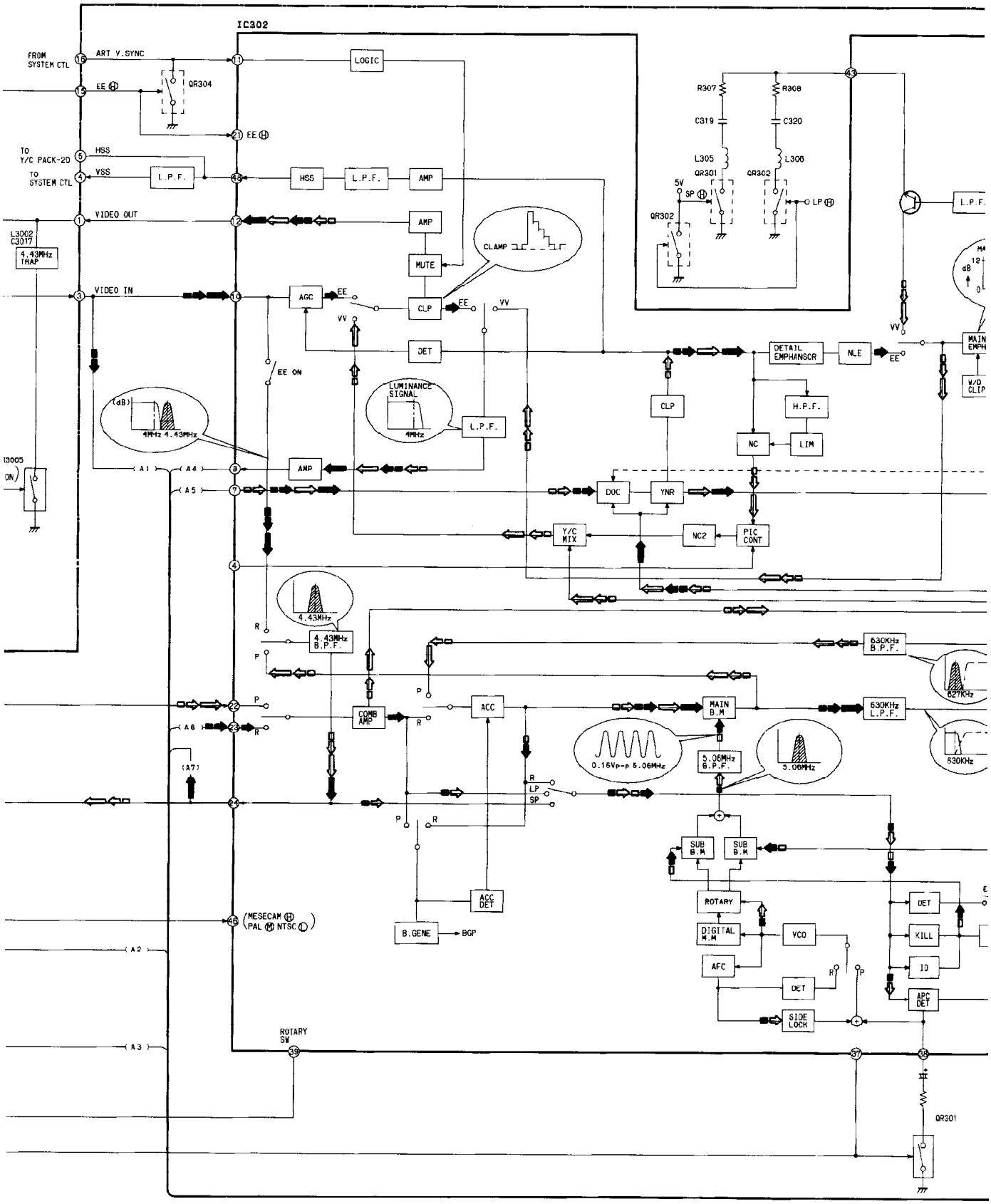


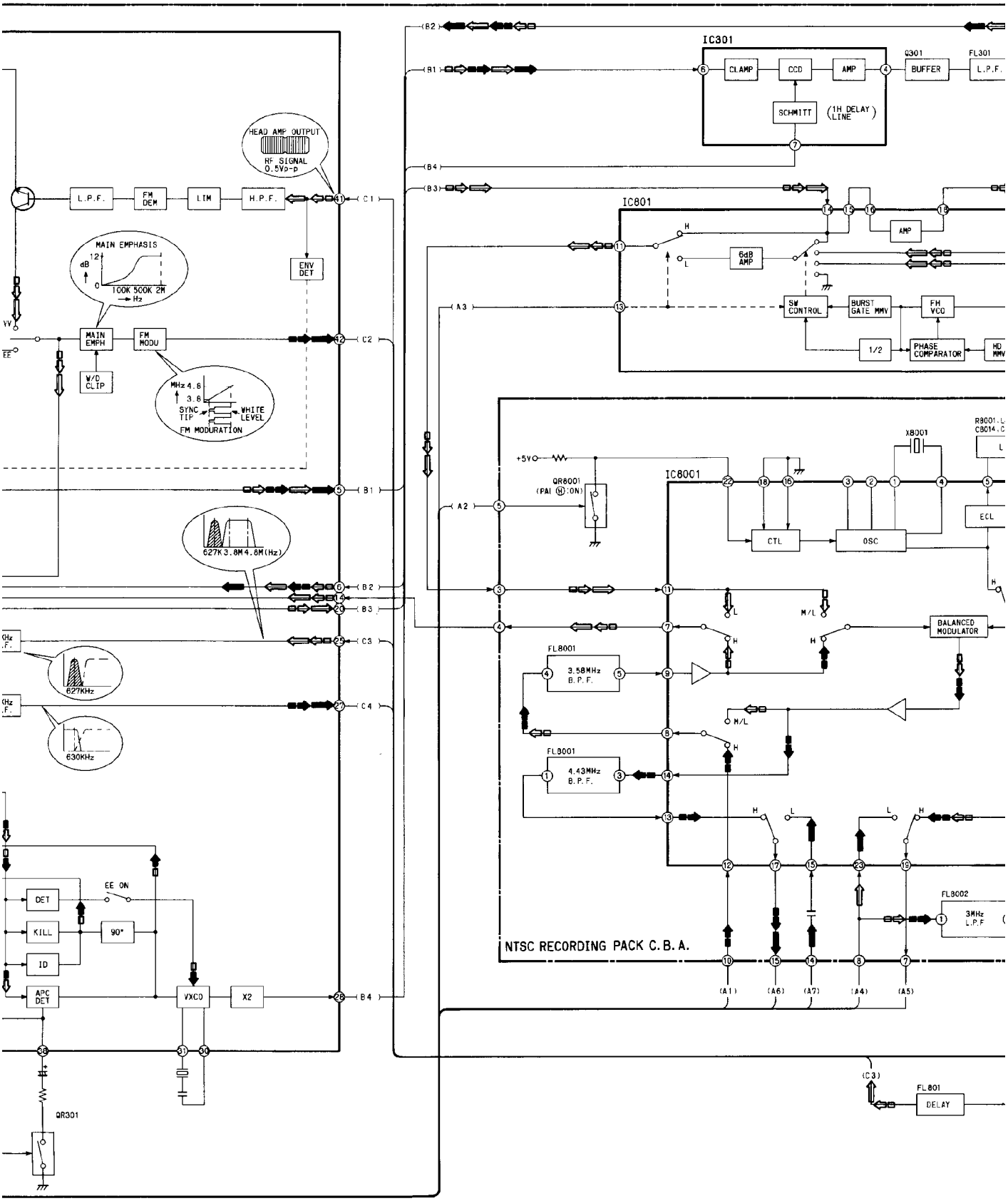


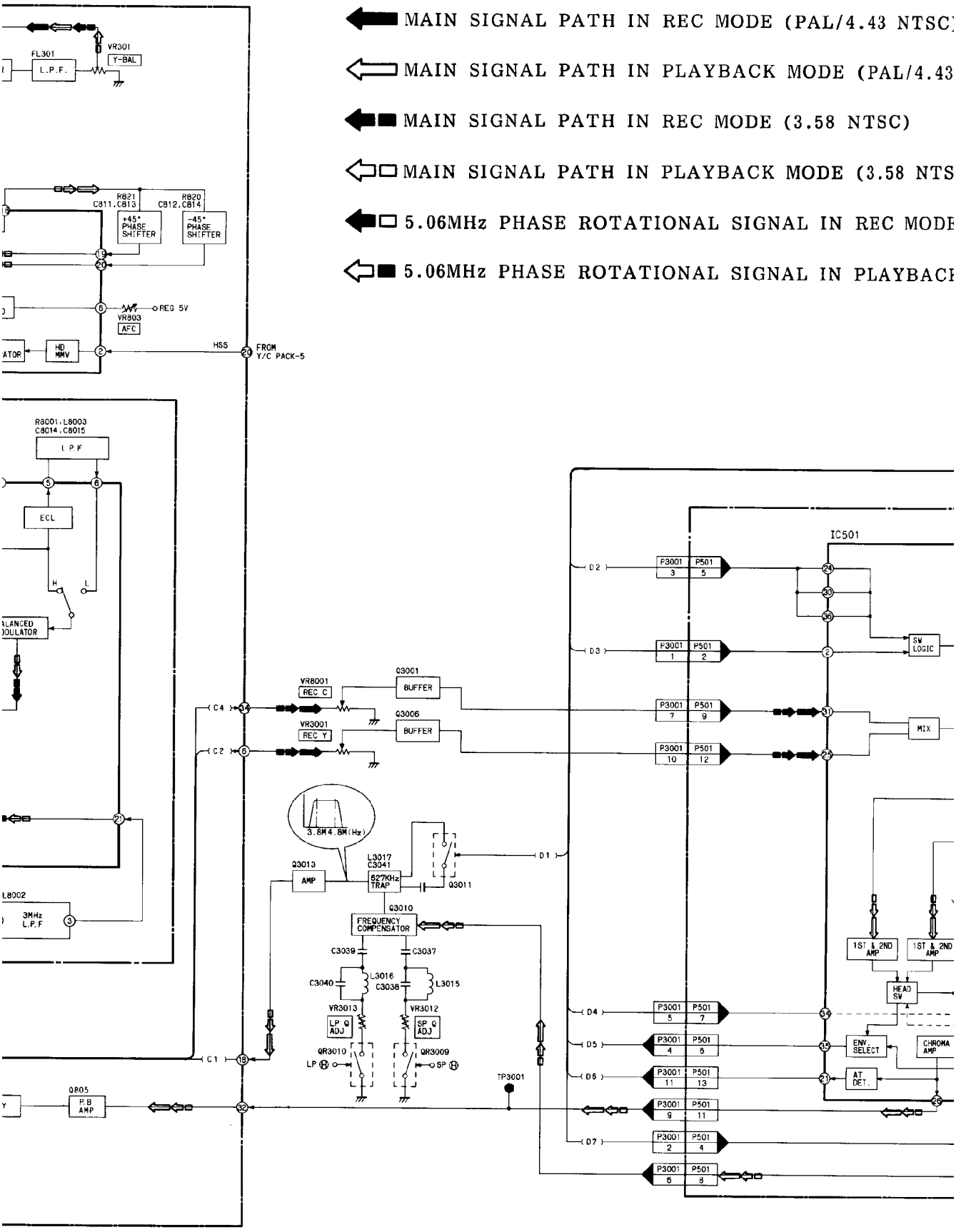
3-3. LUMINANCE & CHROMINANCE BLOCK DIAGRAM (NV-F55EA)



5EA)


IC302
FROM SYSTEM CTL
ART V.SYNC
EE
QR304
TO Y/C PACK-2D
HSS
TO SYSTEM CTL
VSS
L.P.F.
VIDEO OUT
VIDEO IN
L3002 C3017
4.43MHz TRAP
LOGIC
HSS
AMP
MUTE
CLAMP
AGC
CLP
DET
EE ON
LUMINANCE SIGNAL
4MHz
4.43MHz
DOC
YNR
Y/C MIX
NC2
PIC CONT
NC
LIM
H.P.F.
DETAIL EMPHANSOR
NLE
MAIN EMPH
W/D CLIP
R307
R308
C319
C320
L305
L306
QR301
QR302
5V
SP
LP
4.43MHz B.P.F.
COMB AMP
ACC
ACC DET
B.GENE
BGP
MAIN B.M
630KHz B.P.F.
630KHz L.P.F.
627KHz
630KHz
0.16Vp-p 5.06MHz
5.06MHz
5.06MHz B.P.F.
SUB B.M
ROTARY
DIGITAL H.M
VCO
AFC
DET
SIDE LOCK
KILL
ID
APC DET
MESECAM
PAL
NTSC
ROTARY SW
QR301


IC301
CLAMP
CCD
AMP
BUFFER
Q301
FL301
L.P.F.
SCHMITT
(1H DELAY LINE)
IC801
AMP
6dB AMP
SW CONTROL
BURST GATE MMV
FH VCO
1/2
PHASE COMPARATOR
HD MMV
HEAD AMP OUTPUT
RF SIGNAL
0.5Vp-p
L.P.F.
FM DEM
LIM
H.P.F.
ENV DET
MAIN EMPHASIS
100K 500K 2M
Hz
MAIN EMPH
FM MODU
W/D CLIP
SYNC TIP
WHITE LEVEL
FM MODURATION
627K 3.8M 4.8M(Hz)
627KHz
630KHz
IC8001
X8001
+5V
QR8001
(PAL H:ON)
CTL
OSC
ECL
BALANCED MODULATOR
FL8001
3.58MHz B.P.F.
4.43MHz B.P.F.
FL8002
3MHz L.P.F
NTSC RECORDING PACK C.B.A.
DET
KILL
ID
APC DET
EE ON
90°
VXCO
X2
QR301
FL801
DELAY


MAIN SIGNAL PATH IN REC MODE (PAL/4.43 NTSC)
MAIN SIGNAL PATH IN PLAYBACK MODE (PAL/4.43
MAIN SIGNAL PATH IN REC MODE (3.58 NTSC)
MAIN SIGNAL PATH IN PLAYBACK MODE (3.58 NTS
5.06MHz PHASE ROTATIONAL SIGNAL IN REC MODE
5.06MHz PHASE ROTATIONAL SIGNAL IN PLAYBACK
FL301
L.P.F.
VR301
Y-BAL
R821
C811,C813
R820
C812,C814
+45° PHASE SHIFTER
-45° PHASE SHIFTER
REG 5V
VR803
AFC
HD MMV
HSS
FROM Y/C PACK-5
R8001,L8003
C8014,C8015
L P F
ECL
H
L
L8002
3MHz L.P.F
VR8001
REC C
VR3001
REC Y
Q3001
BUFFER
Q3006
BUFFER
C4
C2
C1
3.8M 4.8M (Hz)
Q3013
AMP
L3017
C3041
627KHz TRAP
Q3011
D1
Q3010
FREQUENCY COMPENSATOR
C3039
C3037
C3040
L3016
C3038
L3015
VR3013
LP Q ADJ
VR3012
SP Q ADJ
QR3010
LP
QR3009
SP
TP3001
Q805
P.B AMP
IC501
D2
D3
D4
D5
D6
D7
P3001
P501
SW LOGIC
MIX
1ST & 2ND AMP
HEAD SW
ENV. SELECT
CHROMA AMP
AT DET.

REC MODE (PAL/4.43 NTSC)

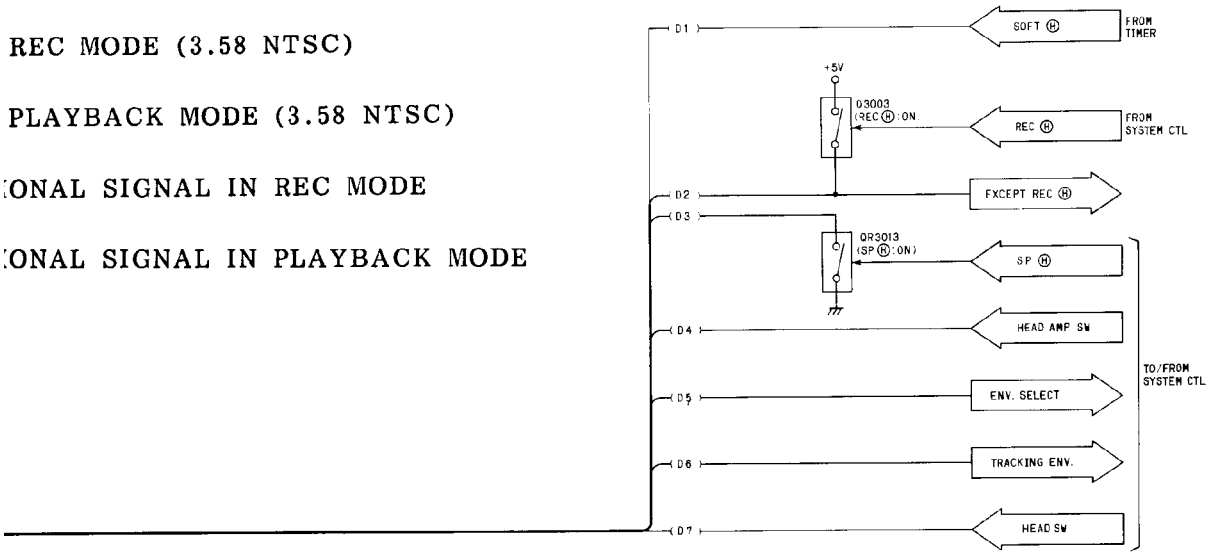
PLAYBACK MODE (PAL/4.43 NTSC)

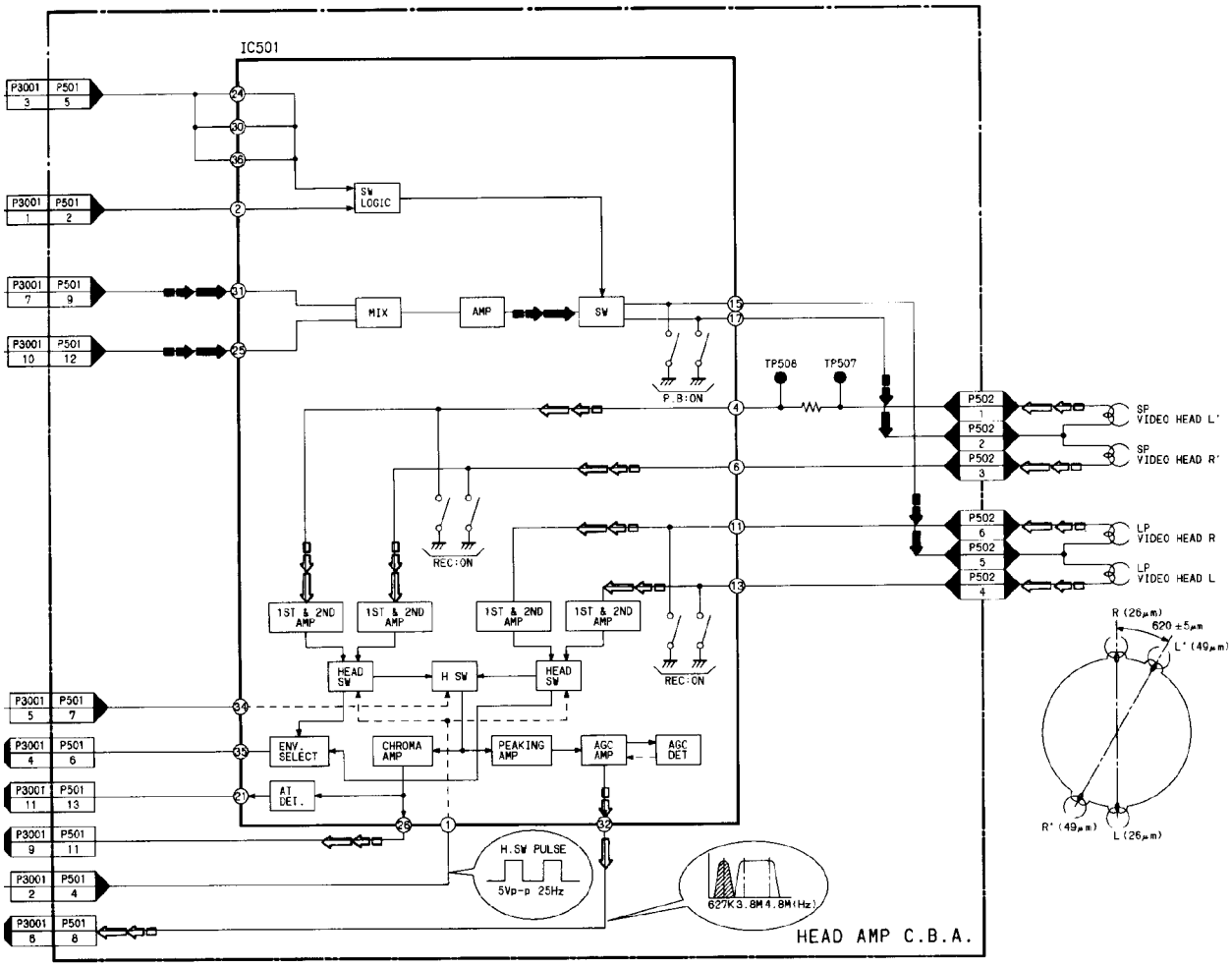
REC MODE (3.58 NTSC)

PLAYBACK MODE (3.58 NTSC)

:ONAL SIGNAL IN REC MODE

:ONAL SIGNAL IN PLAYBACK MODE

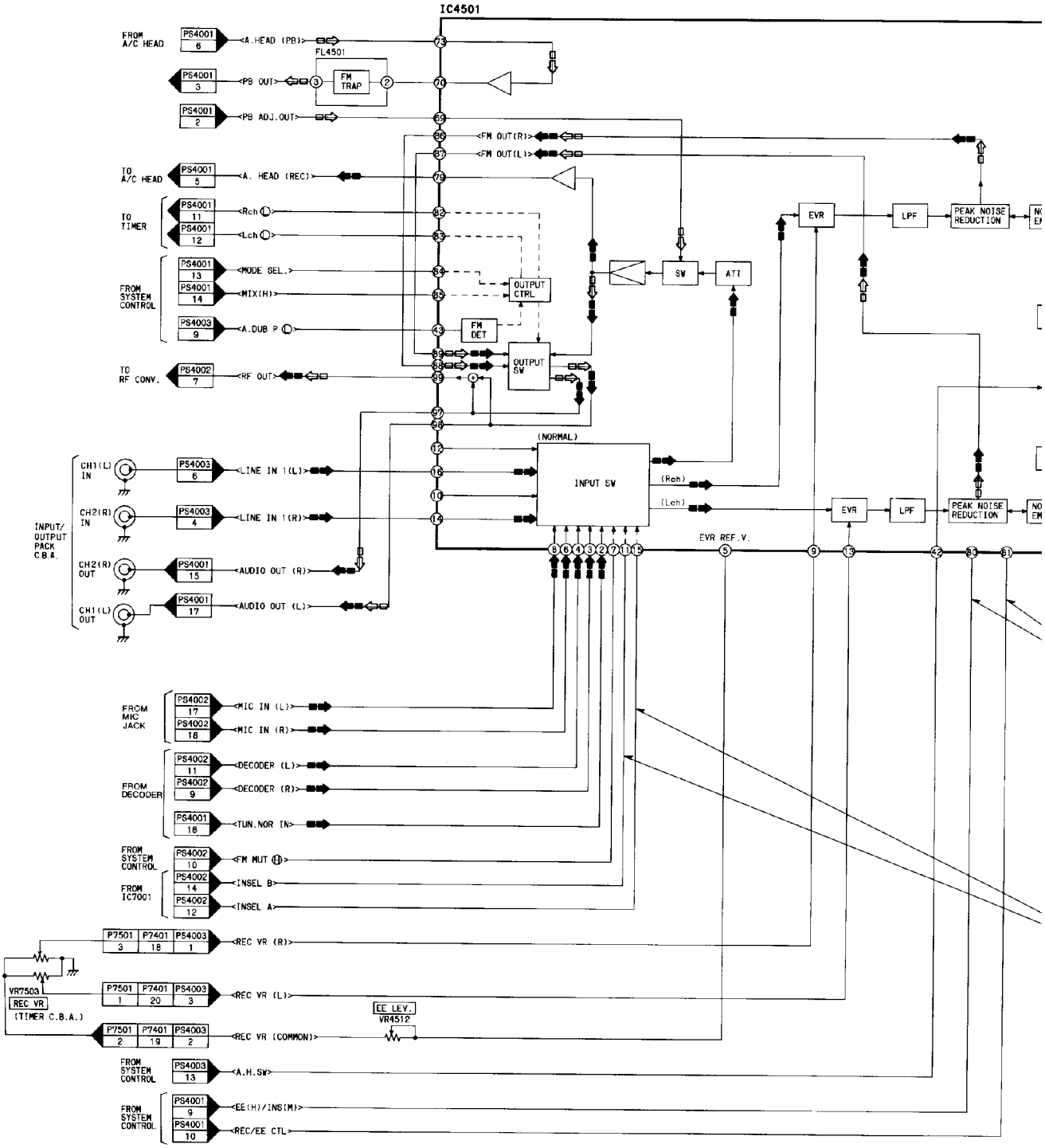




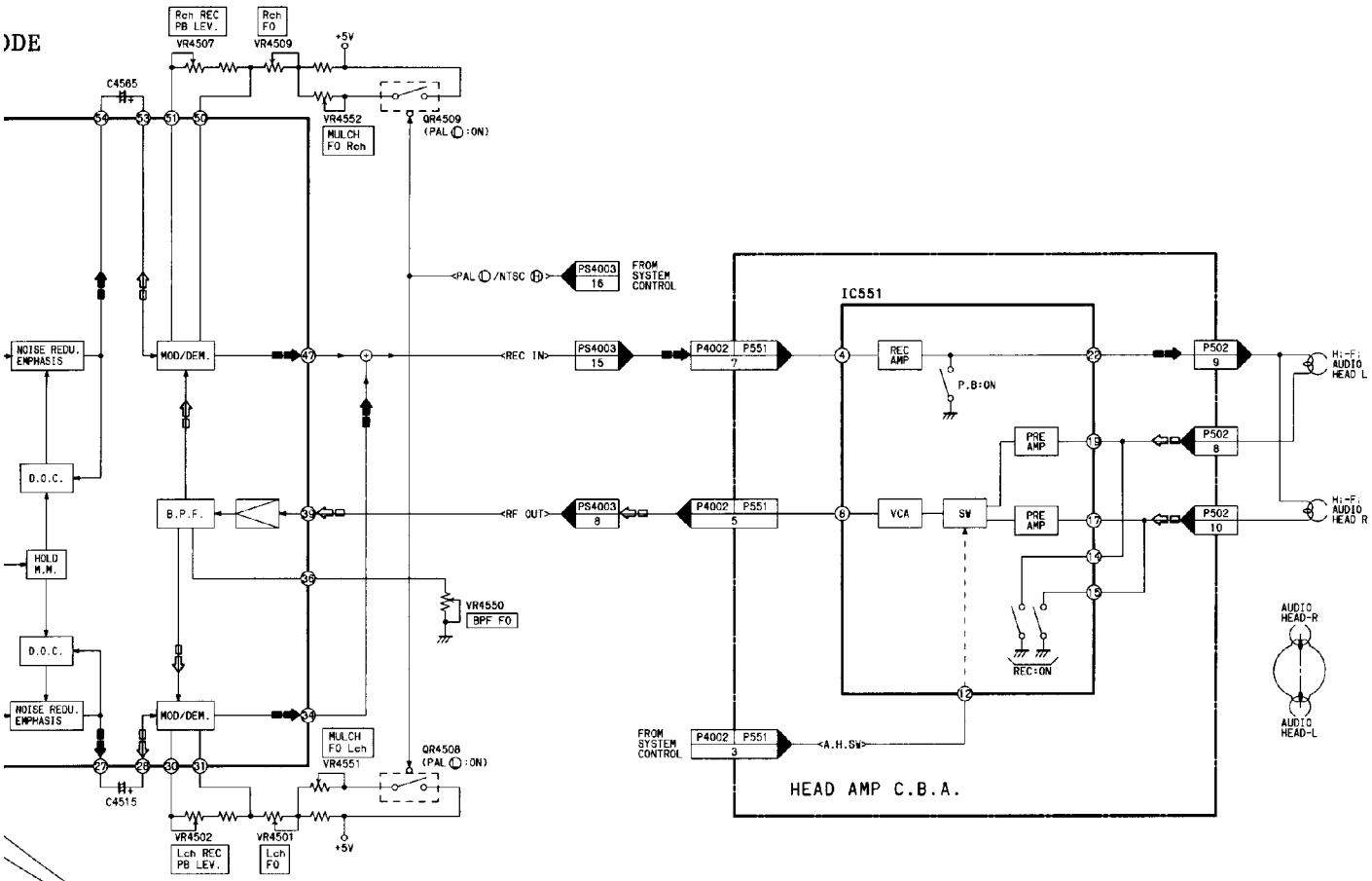
3-4. Hi-Fi AUDIO BLOCK DIAGRAM

MAIN SIGNAL PATH IN REC MODE

MAIN SIGNAL PATH IN PLAYBACK MOD



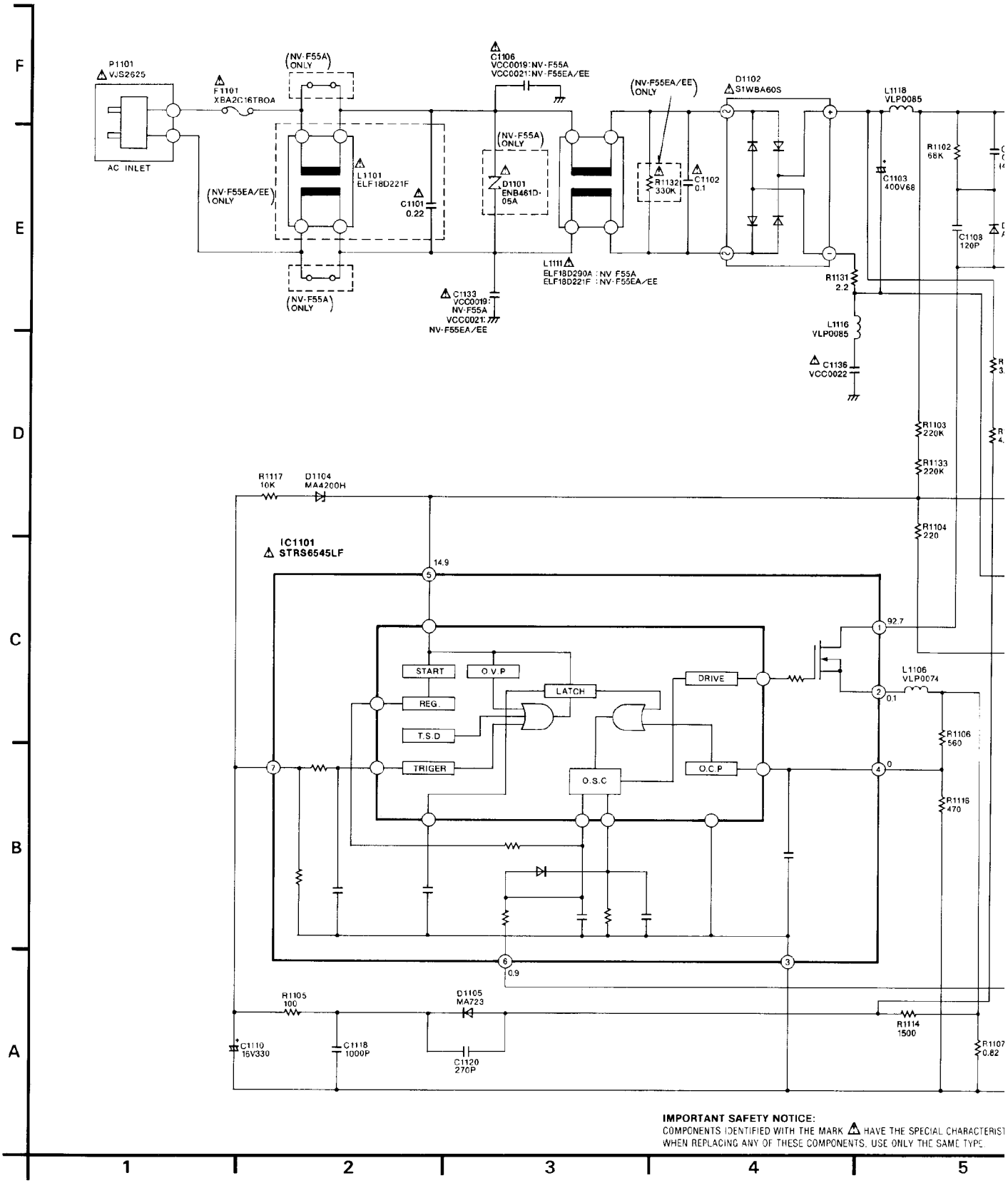
)DE



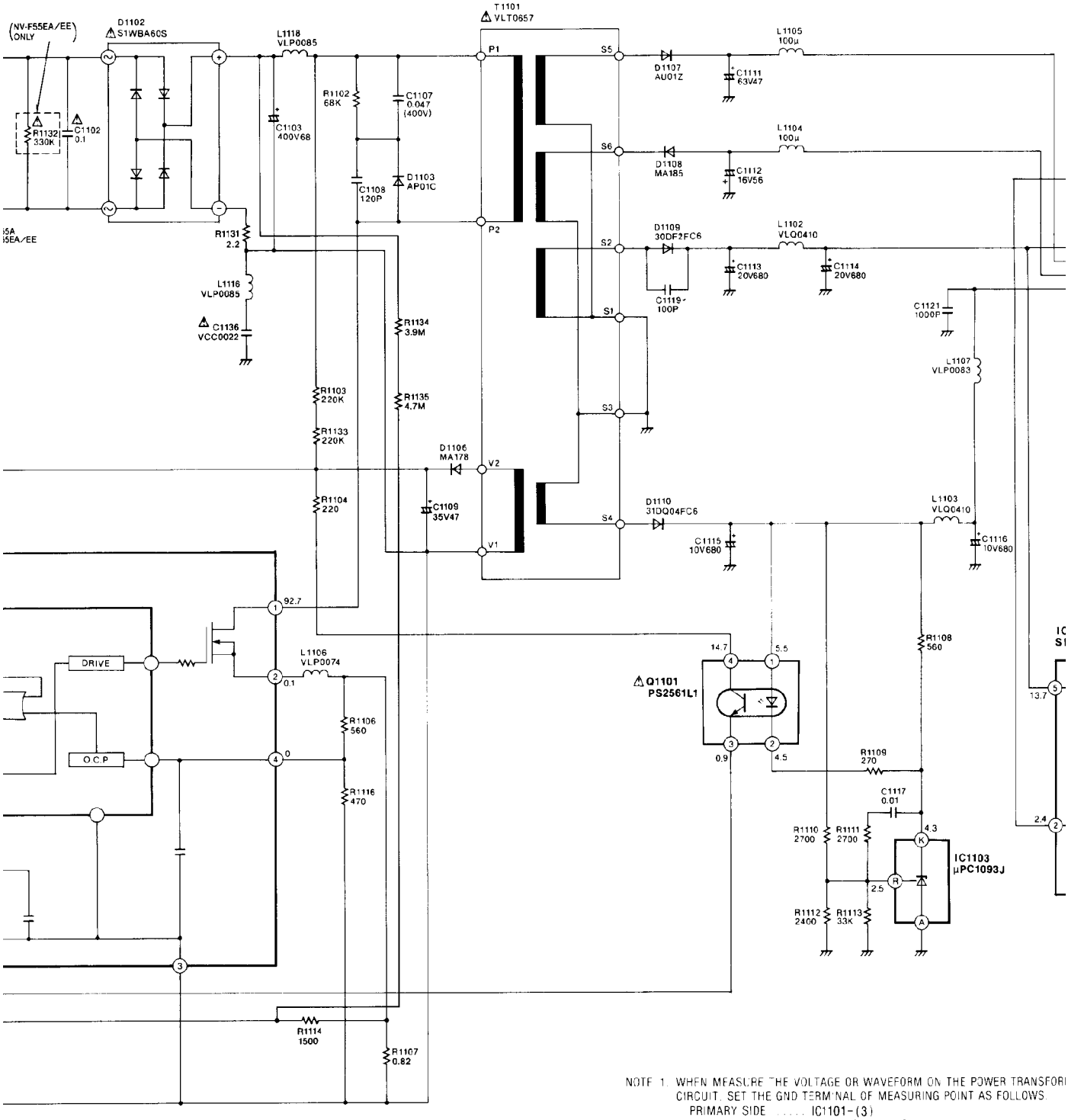
CTL / VTR MODE	REC/EE (81 PIN)	P.B/EE (80 PIN)	AUDIO MODE	
			FM	NORMAL
STOP	H	H	EE	EE
REC	L	H	REC	REC
P.B	H	L	P.B	P.B
INSERT	H	H	REC	P.B
A.DUB	L	L	P.B	REC

CTL / VTR MODE	INPUT SELECT A	INPUT SELECT B	AUDIO MODE	
			FM	NORMAL
LINE	H	L	LINE	LINE
MIC IN	—	H	MIC IN	MIC IN
TUNER	L	L	TUNER	TUNER

3-5. POWER SCHEMATIC DIAGRAM



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERIST
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE



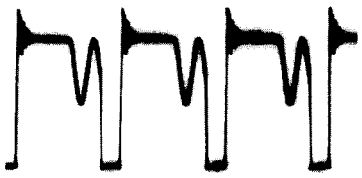
IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

NOTE 1. WHEN MEASURE THE VOLTAGE OR WAVEFORM ON THE POWER TRANSFORI
CIRCUIT, SET THE GND TERMINAL OF MEASURING POINT AS FOLLOWS.
PRIMARY SIDE ..... IC1101-(3)
SECONDARY SIDE ... TP GND OF MAIN C.B.A.

NOTE 2. THE DC VOLTAGE INDICATED IN PRIMARY SIDE IS SHOWN THE VOLTAGE W
INPUT AC IS 240V.

WAVEFORM OF POWER

IC1101-1

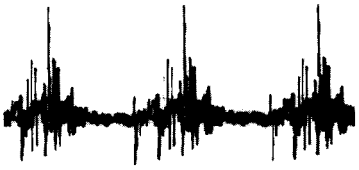


450Vp-p

IC1101-2

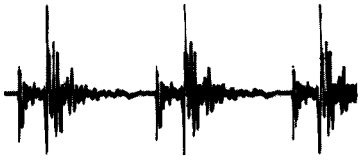
10Vp-p

IC1101-4



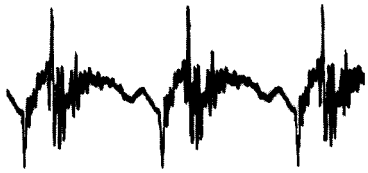
2.0Vp-p

IC1101-5



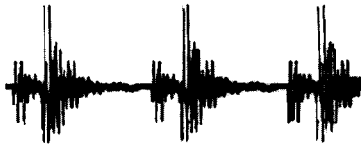
2.0Vp-p

IC1101-6

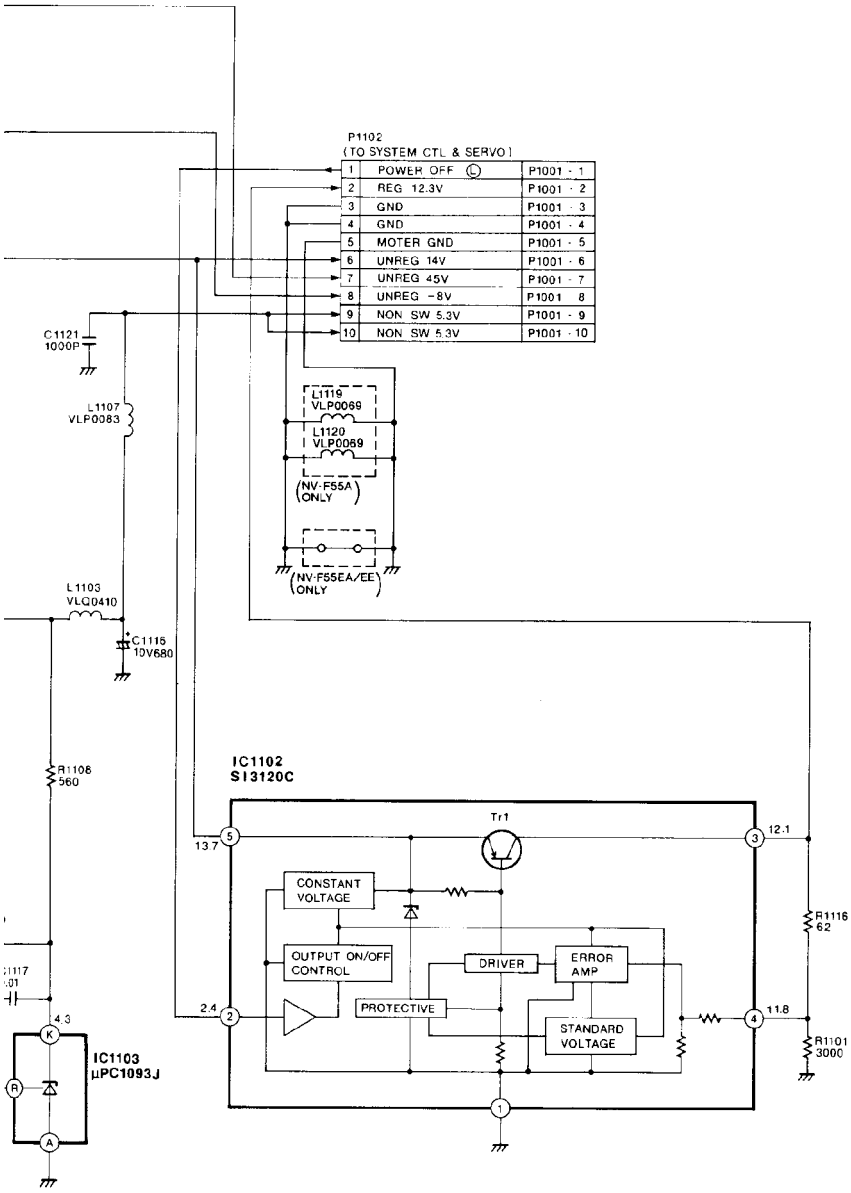


1.5Vp-p

IC1101-7



2.0Vp-p



EFORM ON THE POWER TRANSFORMER
EASURING POINT AS FOLLOWS.

IN C.B.A.
Y SIDE IS SHOWN THE VOLTAGE WHEN

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

8 9 10

SYSTEM CONTROL & SERVO ICs DC VOLTAGE CHART (SP MODE)

REF. NO.	IC2001																		
MODE	1	2	3	4	5	6	7	8											
STOP 1	2.5	2.5	2.5	0	2.5	2.5	2.5	5.2											
PLAY	2.5	2.5	2.5	0	2.5	2.5	2.5	5.2											
F.F.	2.5	2.5	2.5	0	2.5	2.5	2.5	5.2											

REF. NO.	IC2002																		
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
STOP 1	7.0	0	7.0	1.4	2.2	2.1	2.1	2.2	2.2	2.1	2.1	0	5.2	3.8	2.8	0.2	5.2	0	0.4	0
PLAY	2.2	0.1	2.2	1.4	2.2	2.1	2.1	2.1	2.2	2.2	0	0	5.2	3.8	2.8	2.6	5.2	0.7	0.4	0.1
F.F.	6.7	0.1	6.7	1.4	2.1	2.1	2.1	2.1	2.2	2.2	0	0	5.2	3.8	2.8	2.6	5.2	0.7	0.4	0.1

REF. NO.	IC2002																		
MODE	21	22	23	24															
STOP 1	0	0.4	7.0	13.6															
PLAY	0	0.6	2.2	10.4															
F.F.	0	0.6	6.5	13.5															

REF. NO.	IC2901																		
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
STOP 1	13.6	13.6	0	0	0	2.6	4.3	2.7	2.5	1.2	5.2	4.3	4.3	3.9	5.1	13.6	13.6	0	
PLAY	10.6	10.6	0.1	0.6	0.1	2.6	2.5	2.7	2.6	2.8	5.1	3.8	3.8	3.7	1.2	10.4	9.5	0.1	
F.F.	13.5	13.5	0	0	0	2.6	4.3	2.7	2.5	1.3	5.2	4.3	4.3	3.9	5.1	13.5	13.5	0	

REF. NO.	IC6001																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
STOP 1	0	0	0.5	0	0.6	5.1	2.0	0	0	5.1	5.1	0	0	0	0	2.5	3.3	3.3	4.9	0
PLAY	0	0	0.5	0	3.9	5.1	2.0	0	4.0	4.5	5.1	0	0	0	0	2.5	3.3	3.3	4.9	0
F.F.	0	0	0.5	0	2.7	5.1	2.0	0	0	5.0	5.1	0	0	0	0	2.5	3.3	3.3	2.5	0

REF. NO.	IC6001																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
STOP 1	5.1	5.1	0.2	4.3	0.2	2.5	2.5	2.5	0	2.5	2.4	2.7	5.0	0	0	0	2.5	2.5	0	2.5
PLAY	5.1	5.1	2.6	2.5	3.4	2.5	2.5	2.5	0	2.5	2.8	2.7	5.0	0	0	0	0	2.5	0	2.8
F.F.	5.1	5.1	2.6	4.3	0.2	2.5	2.5	2.5	0	2.5	2.5	0.1	5.0	0	0	0	2.5	2.5	0	2.8

REF. NO.	IC6001																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
STOP 1	2.5	5.1	5.2	0	0	5.1	0	5.1	0	5.0	5.1	5.1	0	0	5.0	5.1	5.1	0	5.1	0
PLAY	2.5	5.1	1.5	3.2	4.9	5.1	5.1	5.1	0	5.0	5.1	5.1	0	0	5.0	0	5.1	5.1	5.1	5.0
F.F.	2.5	5.1	5.2	0	0	5.1	0	5.1	0	5.0	0	5.1	0	0	4.9	5.1	5.1	0	5.1	0

REF. NO.	IC6001																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
STOP 1	5.1	2.1	4.7	4.7	0	0	0	0	0.2	0	0	0	5.1	5.1	0	5.1	5.1	5.1	5.1	0
PLAY	5.1	0	4.7	4.7	0	0	0	0	0.2	0	0	5.1	0	0	0	0	5.1	5.1	5.1	0
F.F.	5.1	0	4.7	4.7	0	0	0	0	0.2	0	0	0	5.1	5.1	0	5.1	5.1	5.1	5.1	0

REF. NO.	IC6001																			
MODE	81	82	83	84																
STOP 1	0	–	–	4.8																
PLAY	0	–	–	4.8																
F.F.	0	–	–	5.1																

REF. NO.	IC6002										IC6003									
MODE	1	2	3	4	5						1	2	3	4	5	6	7	8		
STOP 1	0	5.2	13.7	9.0	13.7						2.5	2.5	2.5	0	2.4	4.3	0.6	5.1		
PLAY	0	5.2	10.4	9.0	13.5						2.5	2.5	2.5	0	2.6	4.3	4.0	5.1		
F.F.	0	5.2	13.5	8.9	13.6						2.5	2.5	2.5	0	2.6	2.1	2.6	5.1		

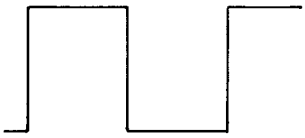
REF. NO.	IC6004																			
MODE	1	2	3																	
STOP 1	5.1	0	4.8																	
PLAY	5.1	0	4.8																	
F.F.	5.1	0	5.1																	

SYSTEM CONTROL & SERVO TRANSISTORs DC VOLTAGE CHART (SP MODE)

REF. NO.	Q1401			Q6001			Q6002			Q6003			Q6004			Q6005		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP 1	0	0.2	0.2	0.5	13.7	0.3	0	0.1	0	0.1	13.7	0.2	13.7	13.7	5.0	5.0	13.7	0.2
PLAY	0	0.2	0.2	0.5	13.5	0.3	0	0	0	0.1	13.5	0.2	13.5	13.5	4.7	4.7	13.5	0.2
F.F.	0	0.2	0.2	0.7	13.6	0.5	0	0	0	0	13.5	0.2	13.5	13.5	4.8	4.8	13.5	0.2
REF. NO.	Q6007			Q6008			Q6009			Q6010			Q6011			Q6012		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP 1	5.2	5.1	5.1	5.2	5.4	5.9	12.0	0.3	12.0	12.0	0.4	11.6	12.0	0.3	12.0	12.1	12.0	11.3
PLAY	5.2	5.1	5.1	5.2	5.4	5.9	12.0	0.3	12.0	12.0	0.4	11.6	12.0	11.9	11.3	12.1	12.0	11.3
F.F.	5.2	5.1	5.1	5.2	5.4	5.9	12.0	0.3	12.0	12.0	0.4	11.6	12.0	11.9	11.3	12.1	12.0	11.3
REF. NO.	Q6013			Q6014														
MODE	E	C	B	E	C	B												
STOP 1	0	0	0.7	0	0.7	0.4												
PLAY	0	0	0.7	0	0.7	0.4												
F.F.	0	0	0.7	0	0.7	0.4												
REF. NO.	QR2001			QR2002			QR2003			QR2004			QR2005			QR2006		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP 1	5.2	5.2	0	5.2	0	5.1	0	5.1	0	4.1	5.2	4.6	0	0.1	5.1	5.1	4.6	5.0
PLAY	5.2	5.2	0	5.2	0	5.1	0	5.1	0	4.1	5.2	4.6	0	0.1	5.1	5.1	4.6	5.0
F.F.	5.2	5.2	0	5.2	0	5.1	0	5.1	0	4.1	5.2	4.6	0	0.1	5.1	5.1	4.6	5.0
REF. NO.	QR6001			QR6002			QR6003			QR6004			QR6005			QR6006		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP 1	0	0.1	2.8	0	0	5.1	0	0	5.1	5.2	0.3	4.8	5.1	0	5,1	5.1	0.3	5.1
PLAY	0	9.0	0.6	0	9.0	0	0	9.0	0	5.2	0.3	5.0	5.1	0	5.1	5.1	0.3	5.1
F.F.	0	0.1	2.8	0	0	5.1	0	0	5.1	5.2	0.6	4.8	5.1	0	5.1	5.1	5.1	0
REF. NO.	QR6007			QR6008			QR6009			QR6011			QR6012			QR6013		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP 1	0.3	0	4.8	0	2.5	0	0	9.7	0	0	4.4	−0.1	0	4.9	0.1	0	5.0	0
PLAY	0.3	0	4.8	0	2.5	0	0	9.7	0	0	4.4	0	0	0.4	0	0	5.0	0
F.F.	5.1	0	5.1	0	2.6	0	0	9.7	0	0	4.4	0	0	4.9	0	0	5.0	0
REF. NO.	QR6014			QR6015			QR6016			QR6018			QR6019			QR6020		
MODE	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
STOP 1	5.1	0	5.2	0	0	5.1	0	0	5.1	0	12.0	0	0	12.0	0	0	0	0
PLAY	5.1	0	5.2	0	0	5.1	0	0	5.1	0	12.0	0	0	0.1	5.1	0	0	0
F.F.	5.1	0	5.2	0	0.8	0	0	0	0	0	12.0	0	0	0.1	5.1	0	0	0
REF. NO.	QR6021			QR6022														
MODE	E	C	B	E	C	B												
STOP 1	0	0.3	5.0	5.0	5.0	5.0												
PLAY	0	0.3	5.0	5.0	5.0	5.0												
F.F.	0	0.5	4.7	5.0	5.0	4.6												

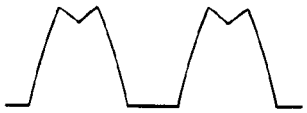
WAVEFORM OF SYSTEM CONTROL & SERVO

TP2001



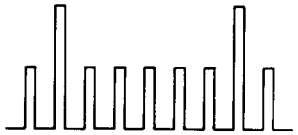
5.0Vp-p REC/PLAY

IC2002-1, 3, 23



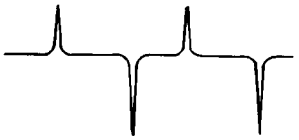
2.0Vp-p REC/PLAY

IC6001-43



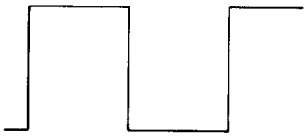
4.6Vp-p REC/PLAY

TP2002



2.2Vp-p PLAY

IC6001-10

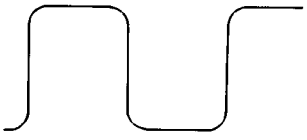


5.0Vp-p REC/PLAY

IC6001-44

5.2Vp-p REC/PLAY

TP2015

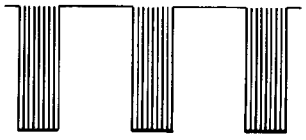


0.8Vp-p REC/PLAY

IC6001-26

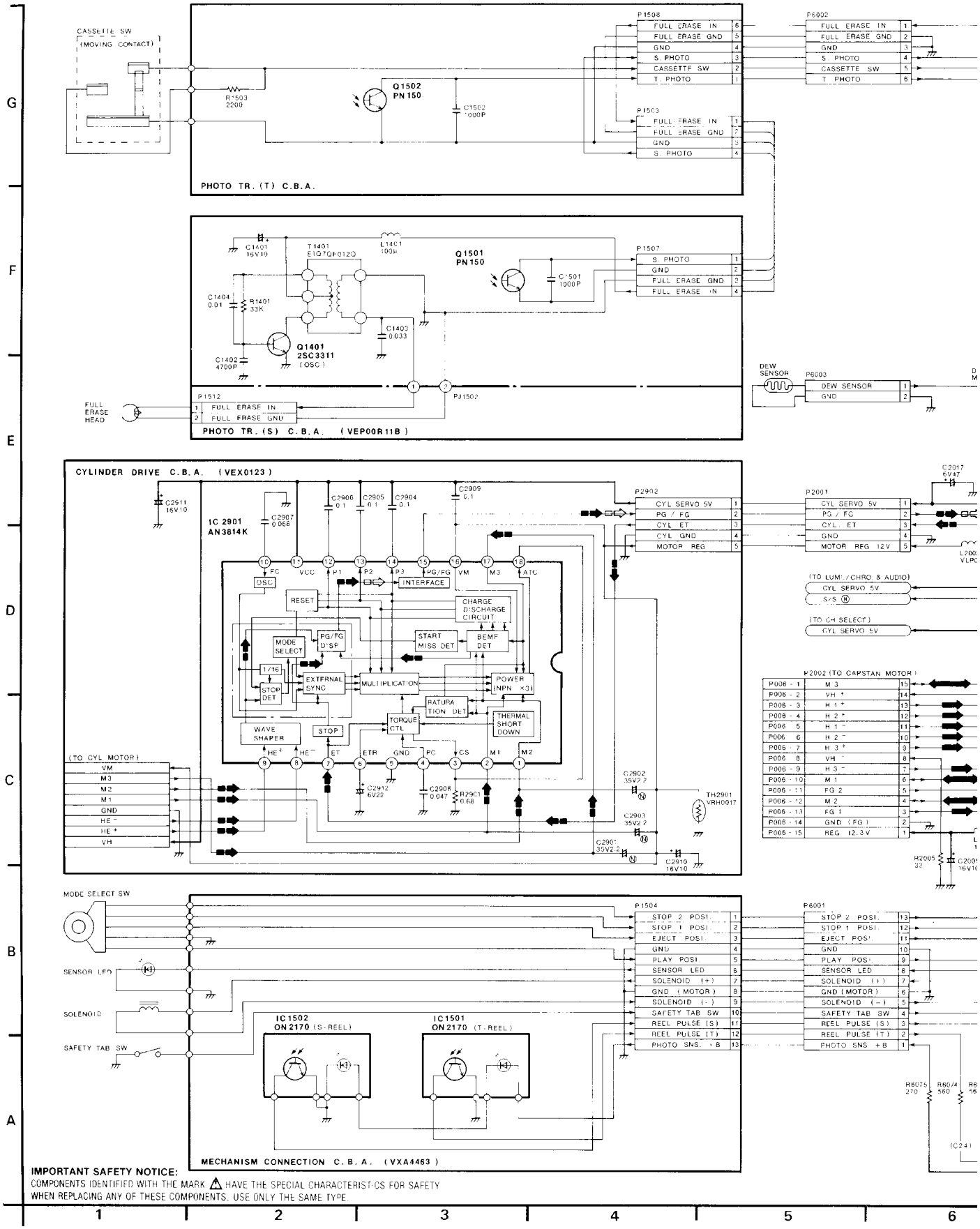
2.0Vp-p REC/PLAY

IC6001-63

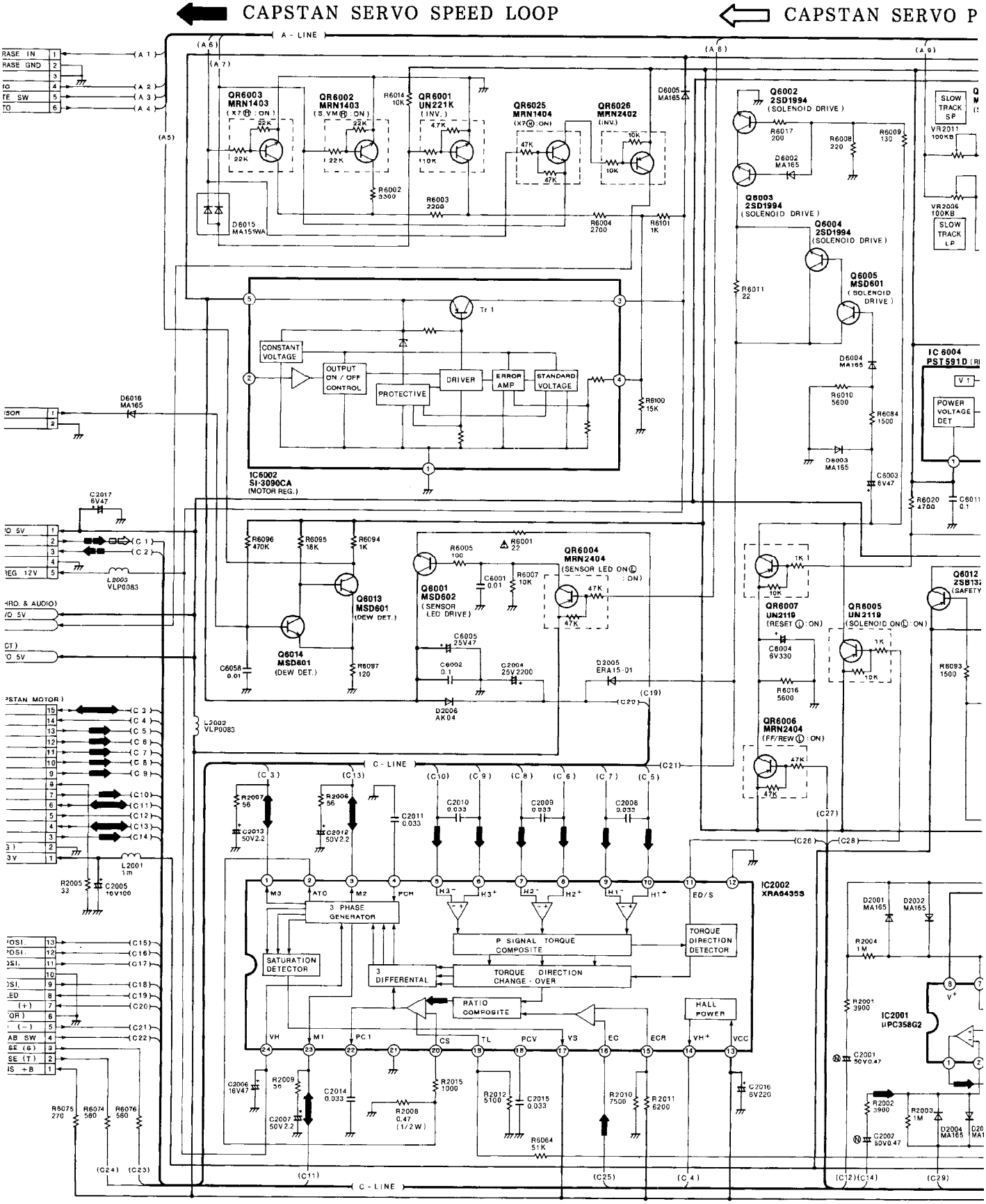


5.0Vp-p REC/PLAY

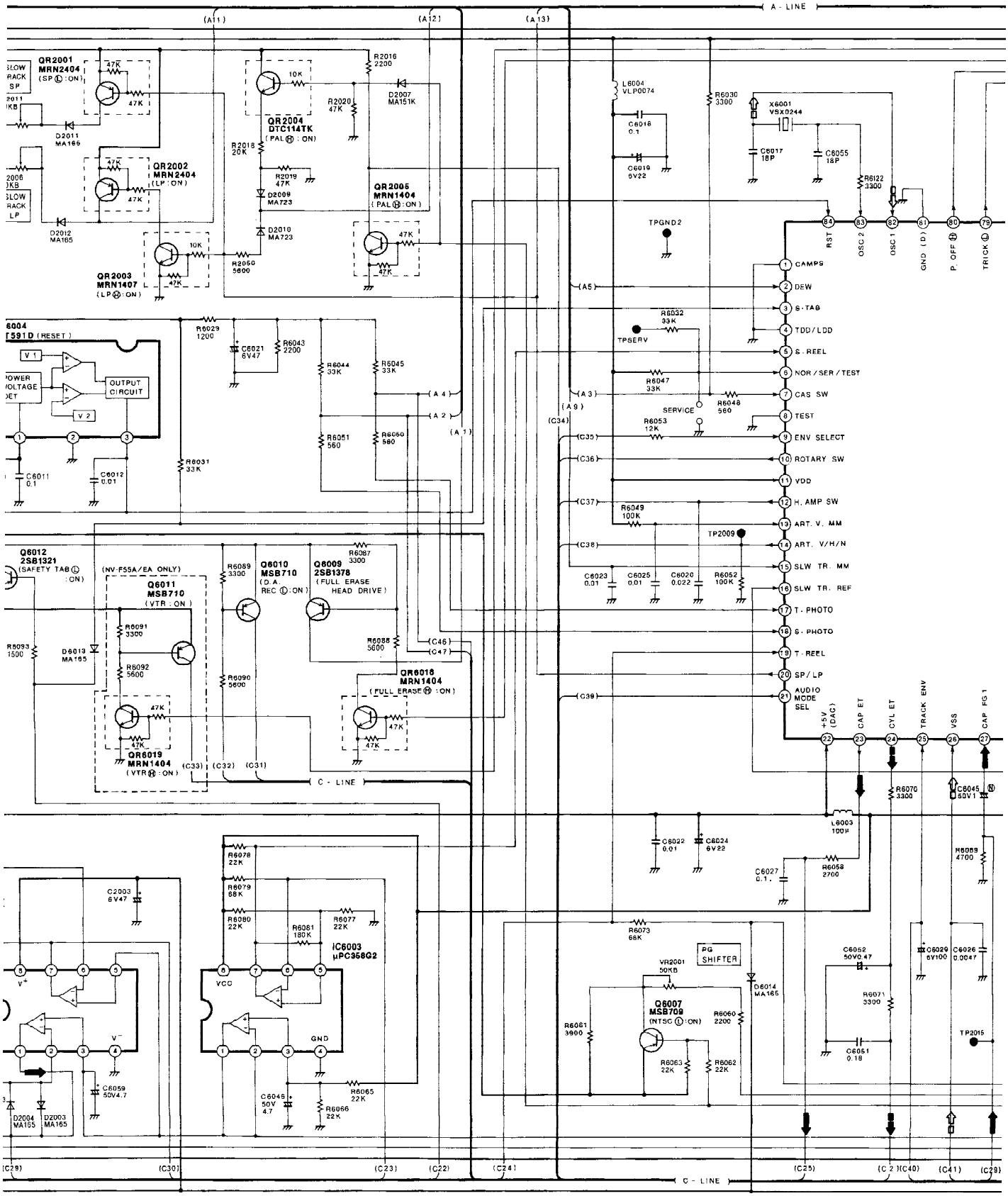
3-7. SYSTEM CONTROL & SERVO SCHEMATIC DIAGRAM



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

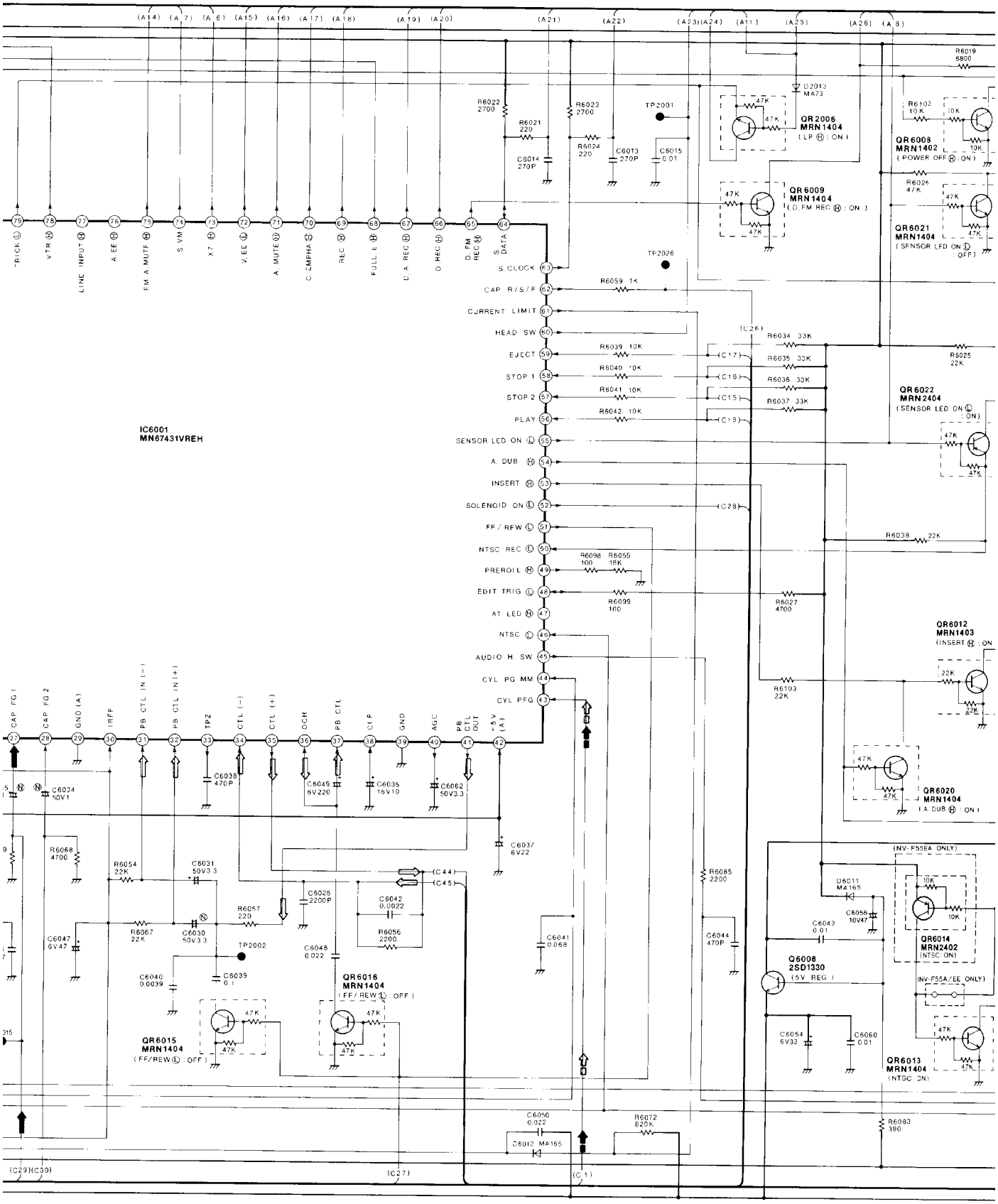

CAPSTAN SERVO SPEED LOOP
CAPSTAN SERVO P
A - LINE
C - LINE
QR6003 MRN1403
QR6002 MRN1403
QR6001 UN221K
QR6025 MRN1404
QR6026 MRN2402
Q6002 2SD1994 (SOLENOID DRIVE)
Q6003 2SD1994 (SOLENOID DRIVE)
Q6004 2SD1994 (SOLENOID DRIVE)
Q6005 MSD601 (SOLENOID DRIVE)
IC6002 SI-3090CA (MOTOR REG.)
CONSTANT VOLTAGE
OUTPUT ON / OFF CONTROL
PROTECTIVE
DRIVER
ERROR AMP
STANDARD VOLTAGE
Q6013 MSD601 (DEW DET.)
Q6014 MSD601 (DEW DET.)
Q6001 MSD602 (SENSOR LED DRIVE)
QR6004 MRN2404 (SENSOR LED ON : ON)
QR6007 UN2119 (RESET : ON)
QR6005 UN2119 (SOLENOID ON : ON)
QR6006 MRN2404 (FF/REW : ON)
IC6004 PST591D
POWER VOLTAGE DET
SLOW TRACK SP
SLOW TRACK LP
IC2002 XRA6435S
3 PHASE GENERATOR
SATURATION DETECTOR
3 DIFFERENTAL
P SIGNAL TORQUE COMPOSITE
TORQUE DIRECTION CHANGE - OVER
RATIO COMPOSITE
TORQUE DIRECTION DETECTOR
HALL POWER
IC2001 µPC358G2
RASE IN
RASE GND
TE SW
(A 1)
(A 2)
(A 3)
(A 4)
(A 5)
(A 6)
(A 7)
(A 8)
(A 9)
(C 1)
(C 2)
(C 3)
(C 4)
(C 5)
(C 6)
(C 7)
(C 8)
(C 9)
(C10)
(C11)
(C12)
(C13)
(C14)
(C15)
(C16)
(C17)
(C18)
(C19)
(C20)
(C21)
(C23)
(C24)
(C25)
(C26)
(C27)
(C28)
(C29)
6
7
8
9
10
11

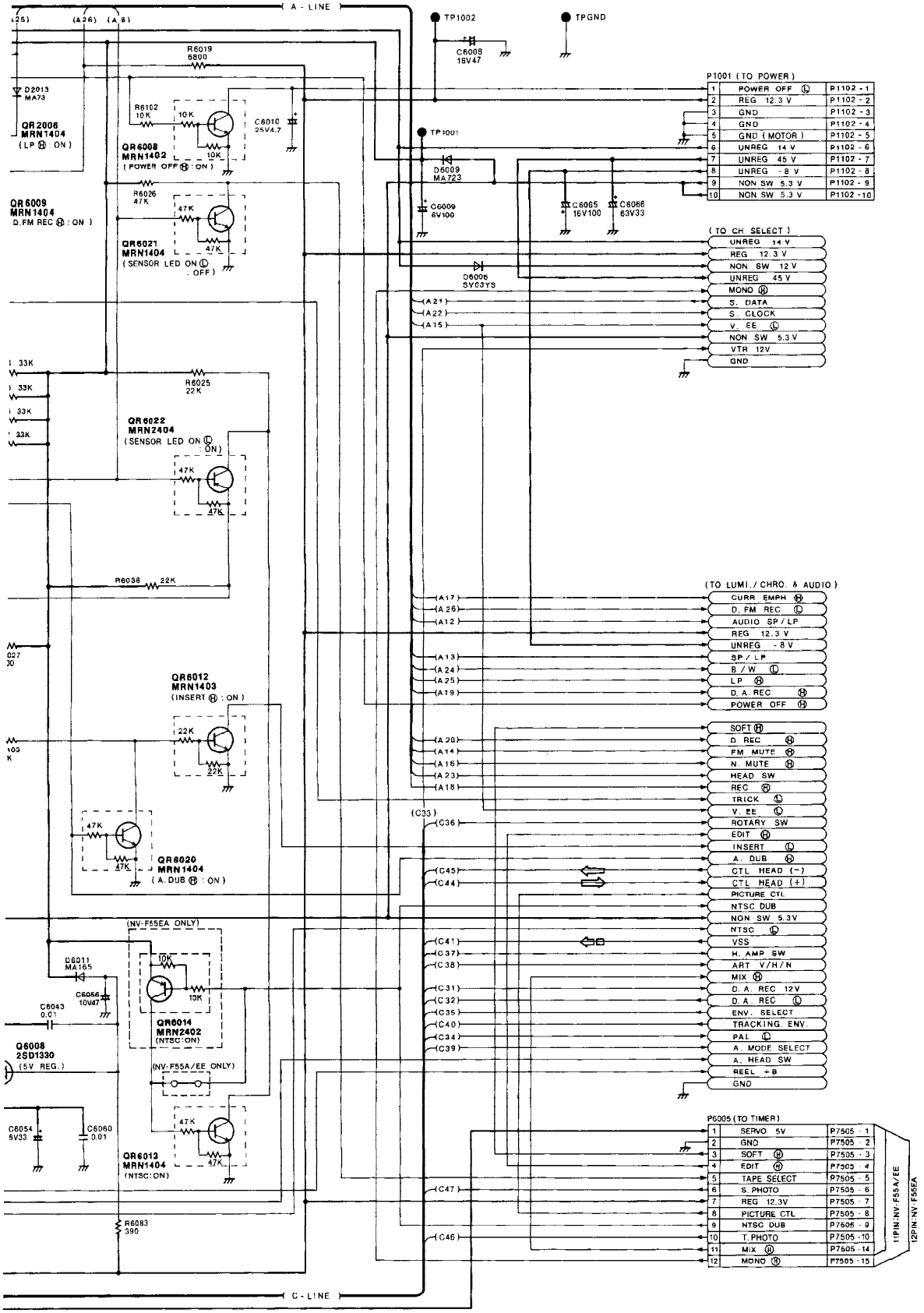
O PHASE LOOP ◀■ CYLINDER SERVO SPEED LOOP ◁□ CYLIN



11 | 12 | 13 | 14 | 15 | 16

LINDER SERVO PHASE LOOP

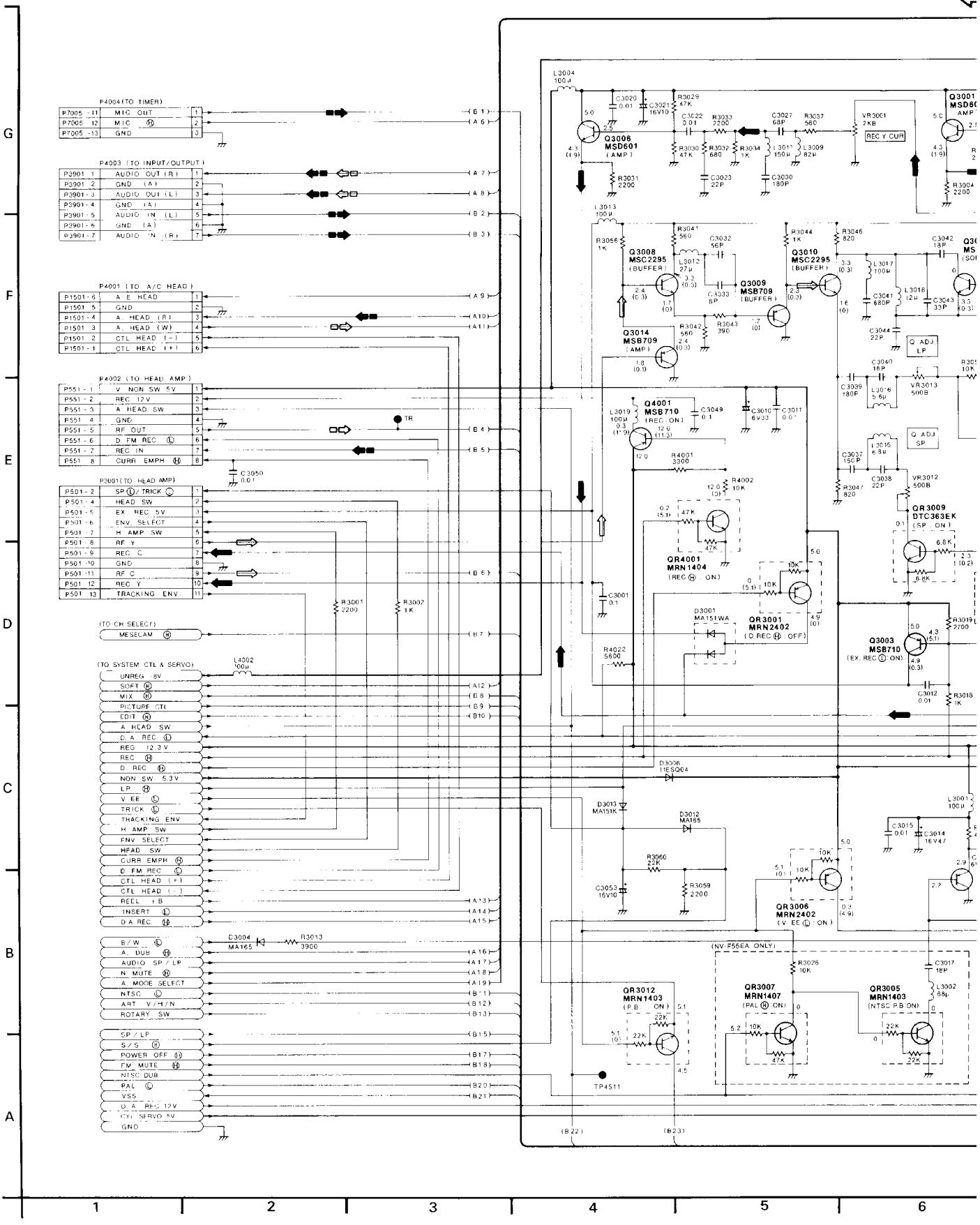




NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

22 23 24 25

3-8. LUMINANCE/CHROMINANCE & AUDIO SCHEMATIC DIAGRAM

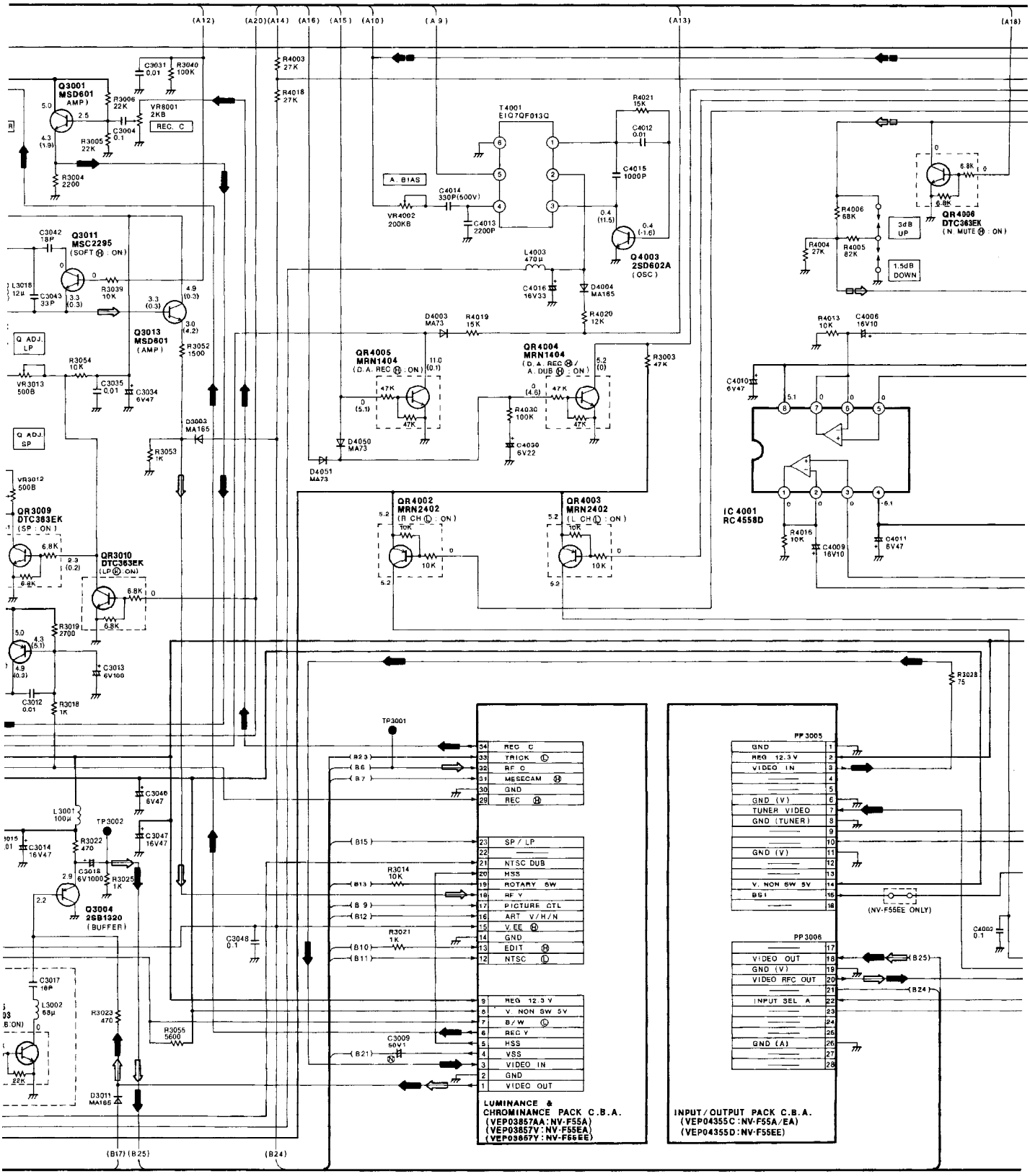


VIDEO MAIN SIGNAL PATH IN REC MODE

VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE

AUDIO MAIN SIGNAL PATH

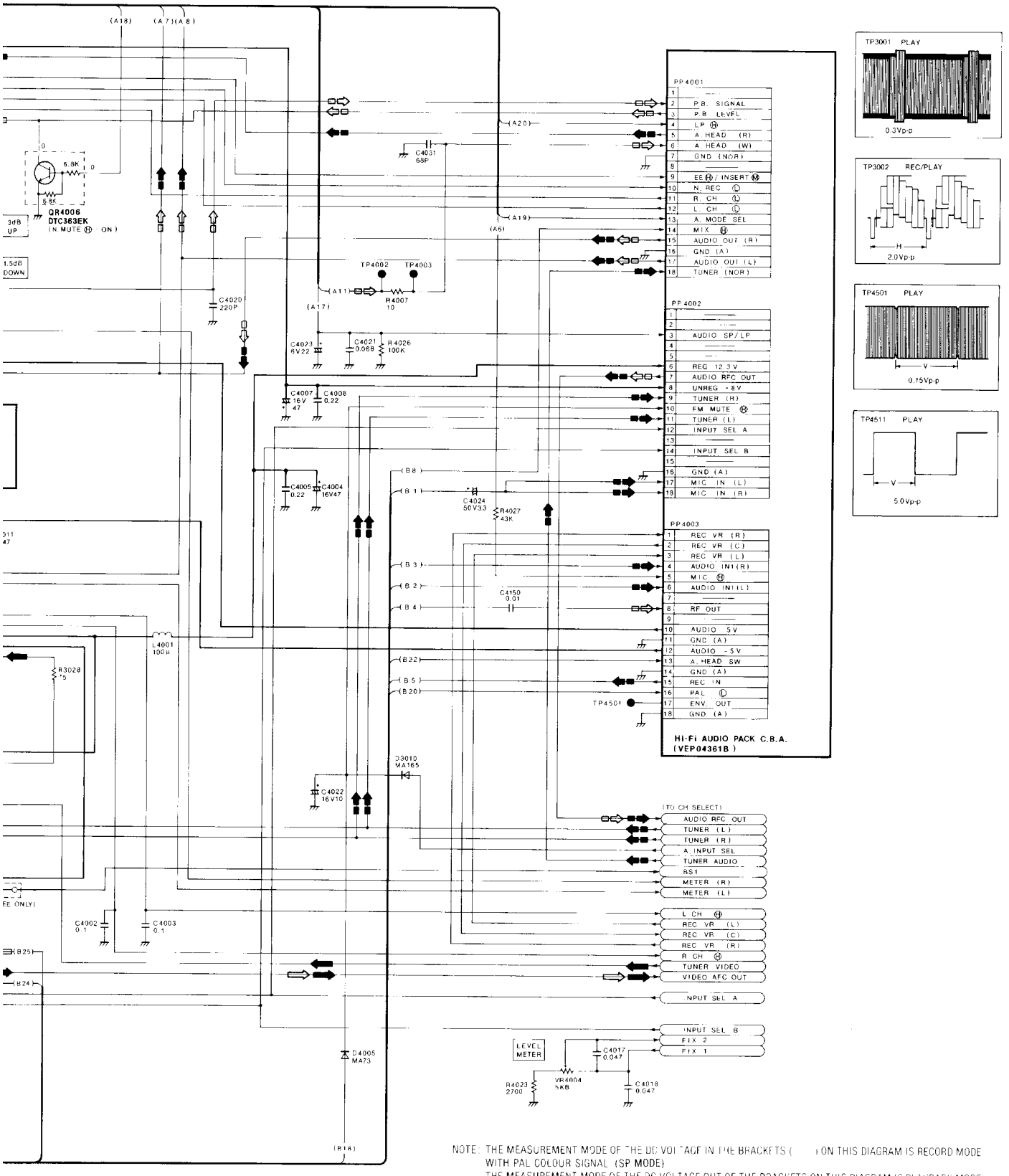
AUDIO MAIN SIGNAL PATH



NOTE: DO NOT USE ANY PART NU
ORDERING. WHEN YOU OI

IGNAL PATH IN REC MODE

IGNAL PATH IN PLAYBACK MODE

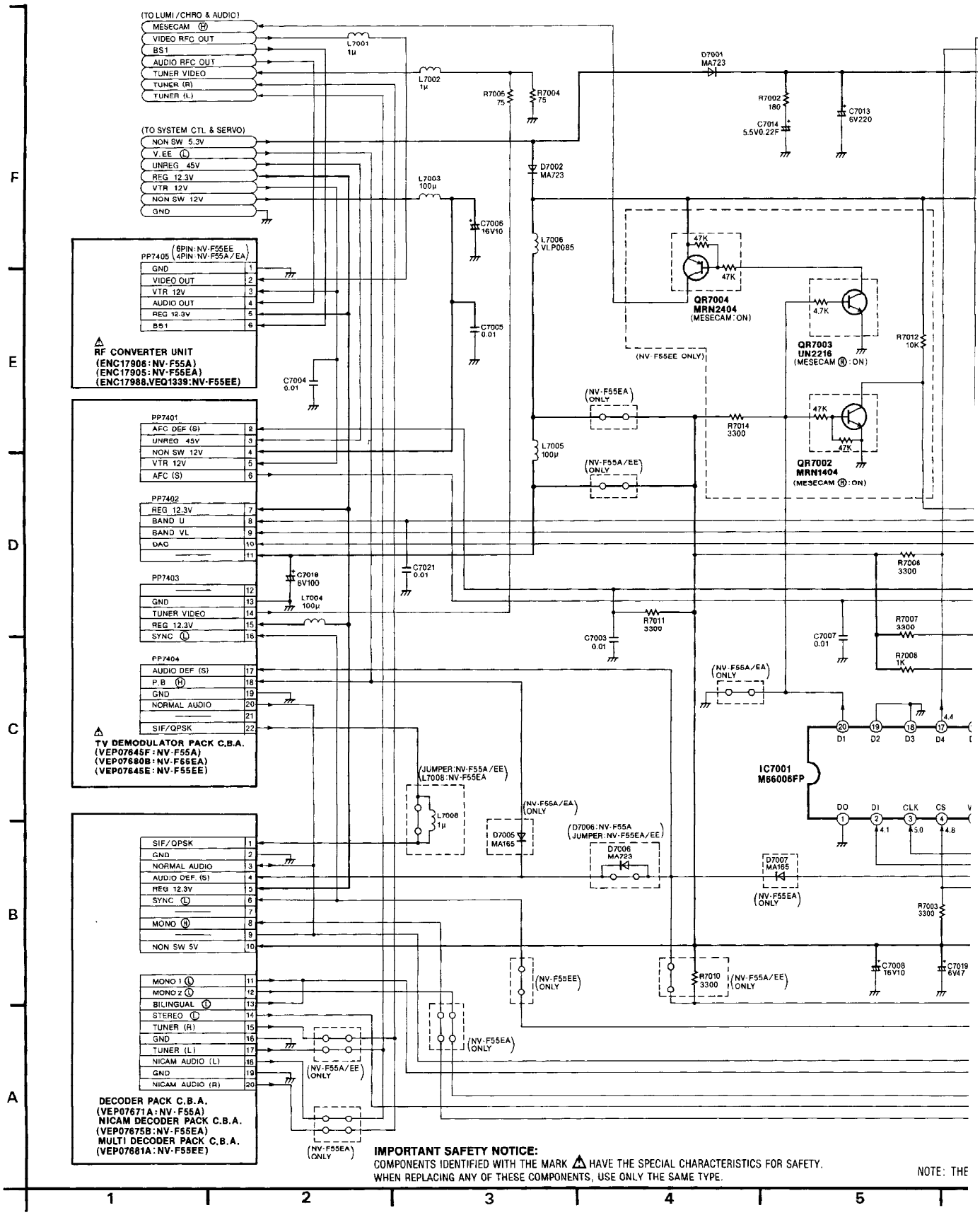


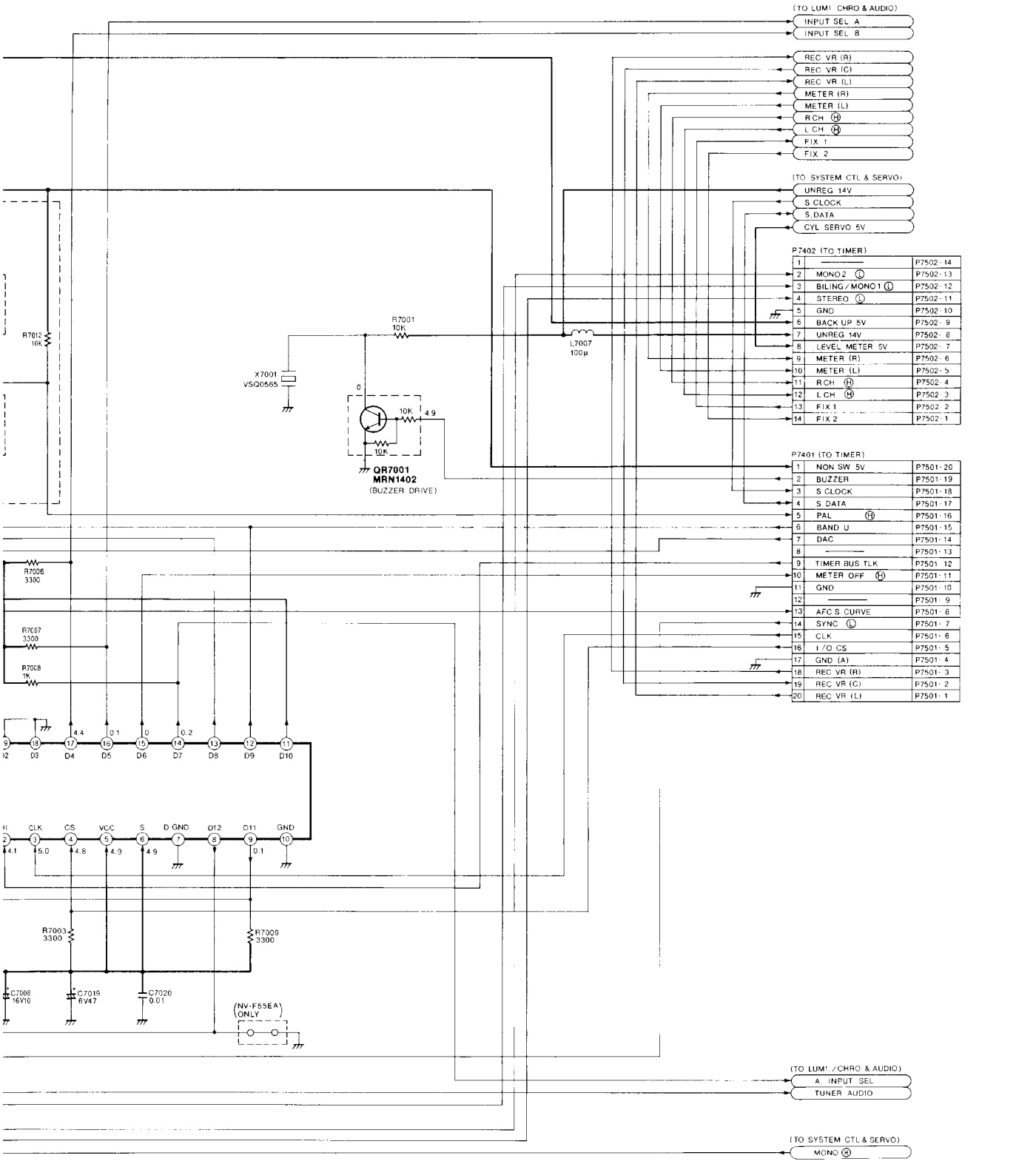
E: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL (SP MODE)

• LINE IN SIGNAL LEVEL..... 10dB 1kHz

3-9. CHANNEL SELECT SCHEMATIC DIAGRAM

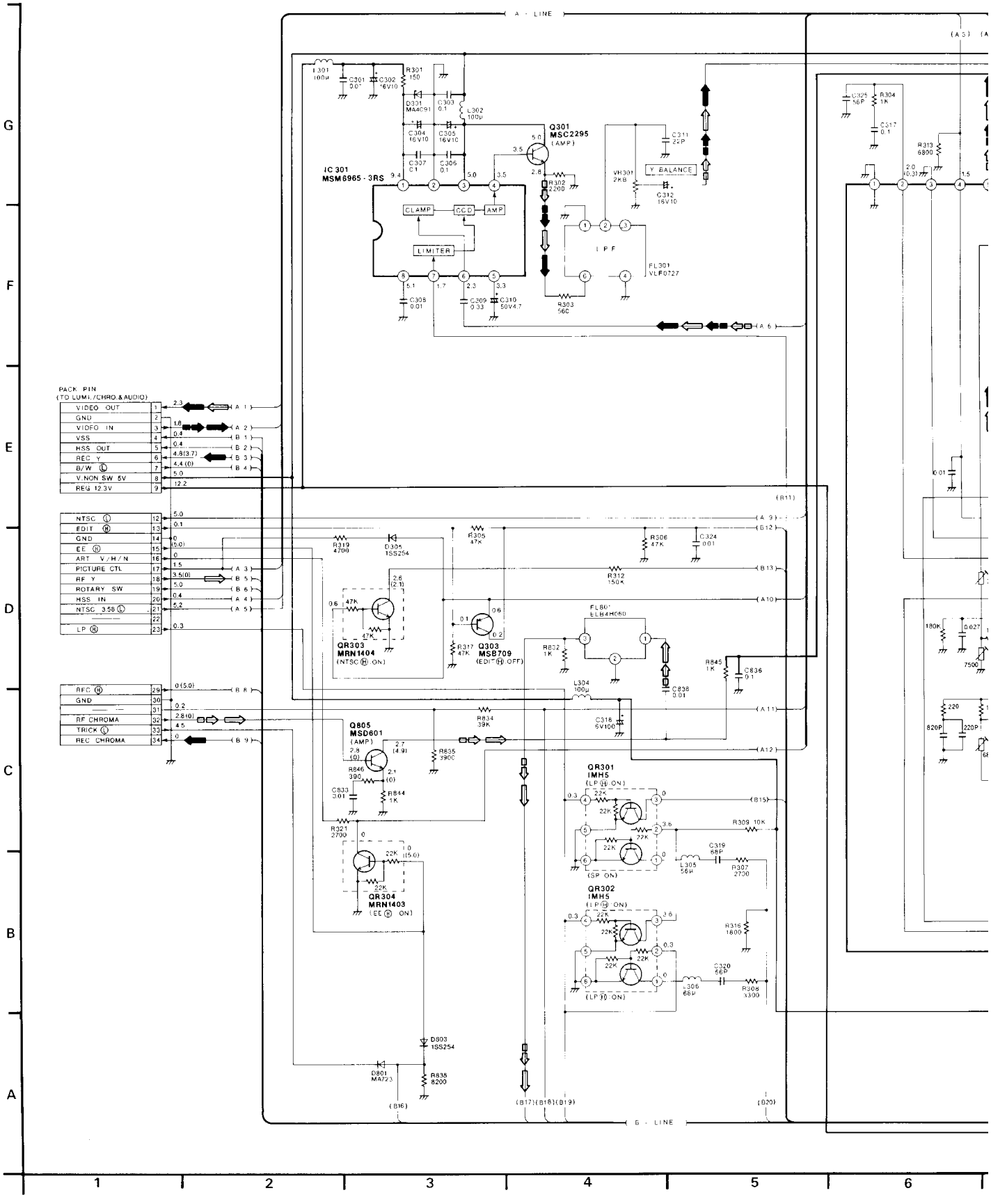




NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

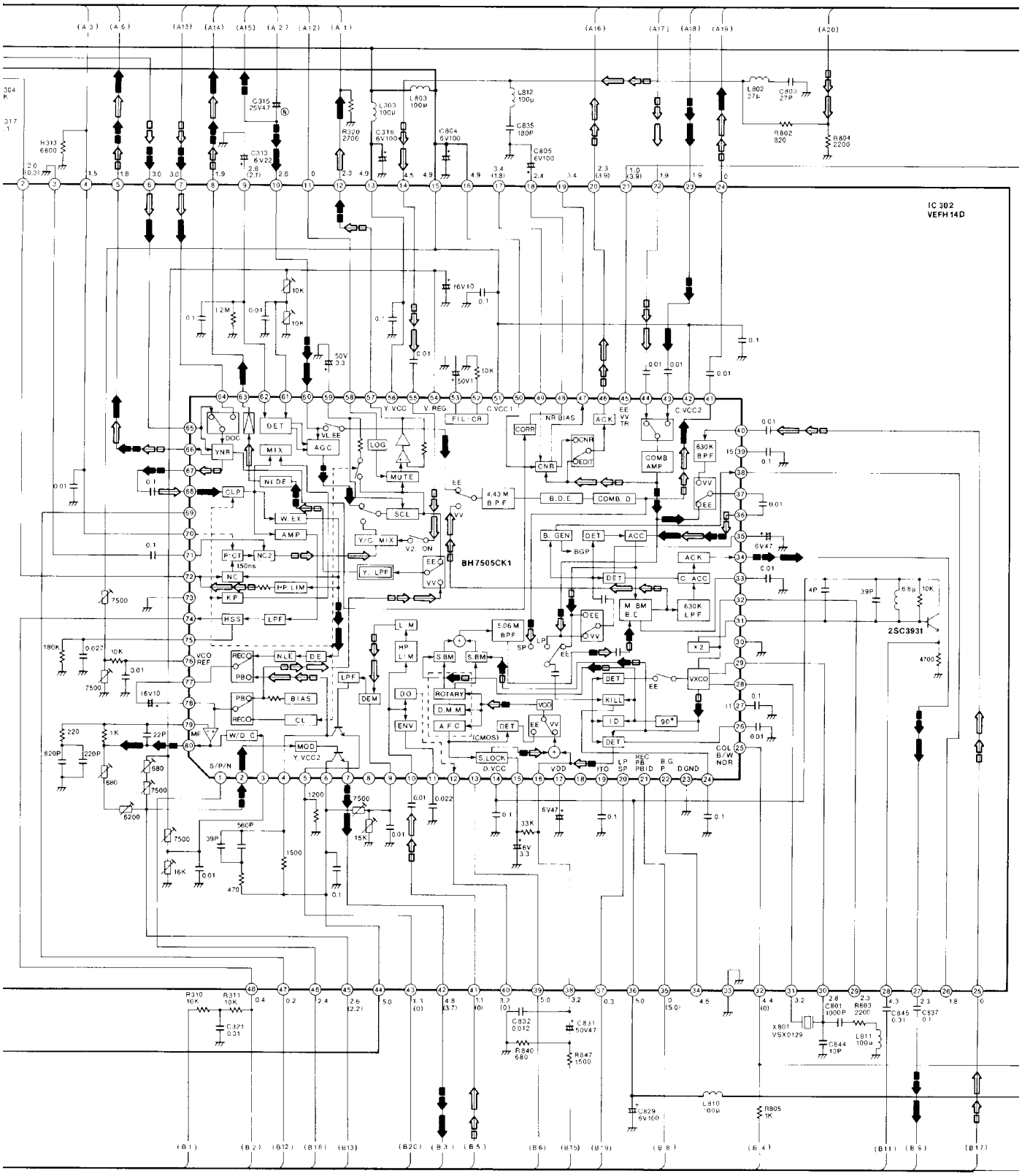
3-11. LUMINANCE & CHROMINANCE PACK SCHEMATIC DIAGRAM (NV-F55E



(NV-F55EA)

MAIN SIGNAL PATH IN REC MODE (PAL/4.43 NTSC)

MAIN SIGNAL PATH IN PLAYBACK MODE (PAL/4.43 NTSC)



NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)

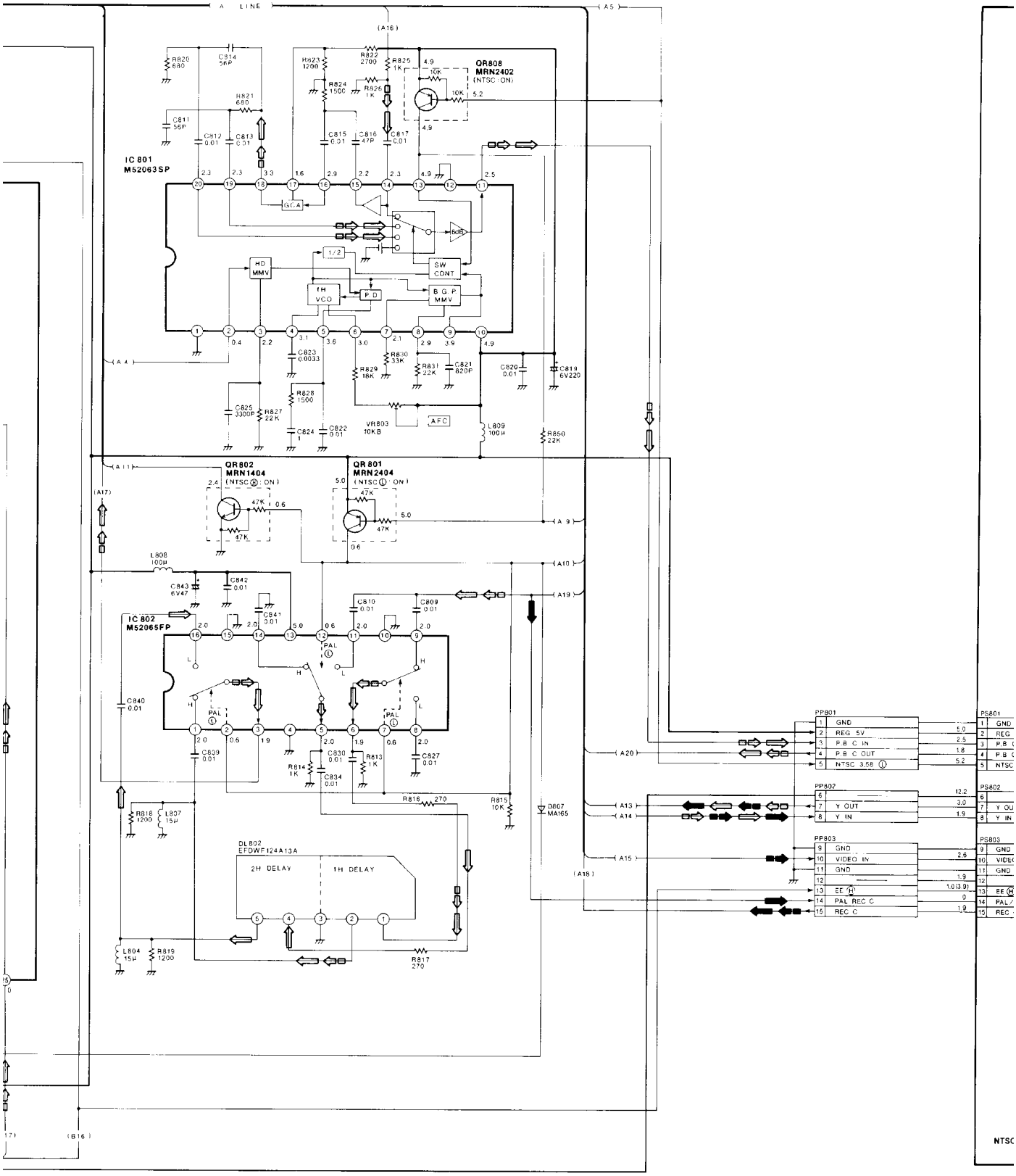
THE M
WITH

MAIN SIGNAL PATH IN REC MODE (3.58 NTSC)

MAIN SIGNAL PATH IN PLAYBACK MODE (3.58 NTSC)

5.06MHz PHASE ROTAT

5.06MHz PHASE ROTAT

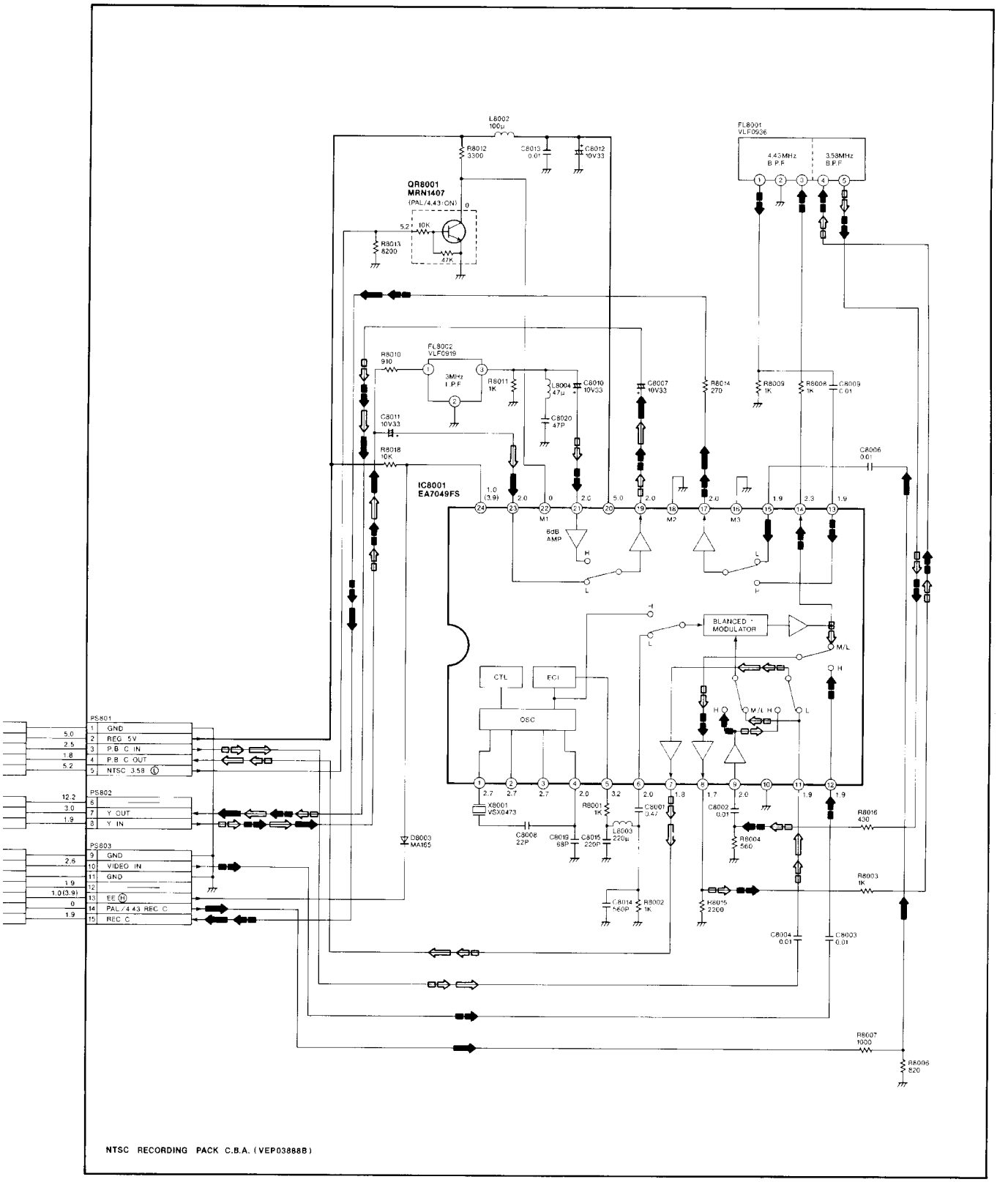


THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON TH S D AGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

12 13 14 15 16 17

IASE ROTATIONAL SIGNAL IN REC MODE

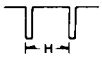
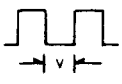
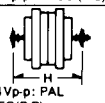
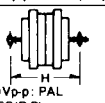
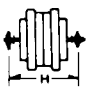
IASE ROTATIONAL SIGNAL IN PLAYBACK MODE



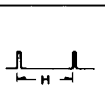
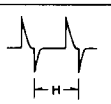
NTSC RECORDING PACK C.B.A. (VEP03888B)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

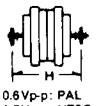
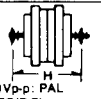
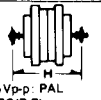
IC302 (VEFH14D)
(SP MODE: PAL/NTSC)

PIN NO.	WAVE FORM	PIN NO.	WAVE FORM
5, 6, 7, 8	0.5Vp-p (REC/P.B)	29	0.5Vp-p (REC/P.B)
10	1.0Vp-p: PAL 0.5Vp-p: NTSC (REC/P.B)	30	0.2Vp-p (REC/P.B)
12	2.2Vp-p (REC/P.B)	31	0.4Vp-p (REC/P.B)
14	0.2Vp-p: PAL (P.B) 0.15Vp-p: NTSC (REC) 0.3Vp-p: NTSC (P.B)	32	0.15Vp-p: PAL (P.B)
20	0.8Vp-p (P.B)	34	 5.0Vp-p (REC/P.B)
22	0.18Vp-p: PAL (REC/P.B) 0.1Vp-p: NTSC (REC) 0.3Vp-p: NTSC (P.B)	39	 5.0Vp-p (REC/P.B)
23	 0.4Vp-p: PAL (REC/P.B) 0.2Vp-p: NTSC (REC) 0.7Vp-p: NTSC (P.B)	40	0.5Vp-p (REC/P.B)
24	 1.0Vp-p: PAL (REC/P.B) 0.4Vp-p: NTSC (REC) 1.0Vp-p: NTSC (P.B)	41	0.4Vp-p: PAL 0.3Vp-p: NTSC (P.B)
26	0.5Vp-p (REC/P.B)	42	1.0Vp-p (REC)
27	 0.7Vp-p (REC)	43	0.4Vp-p (P.B)
28	0.6Vp-p (REC/P.B)	48	5.0Vp-p (REC/P.B)

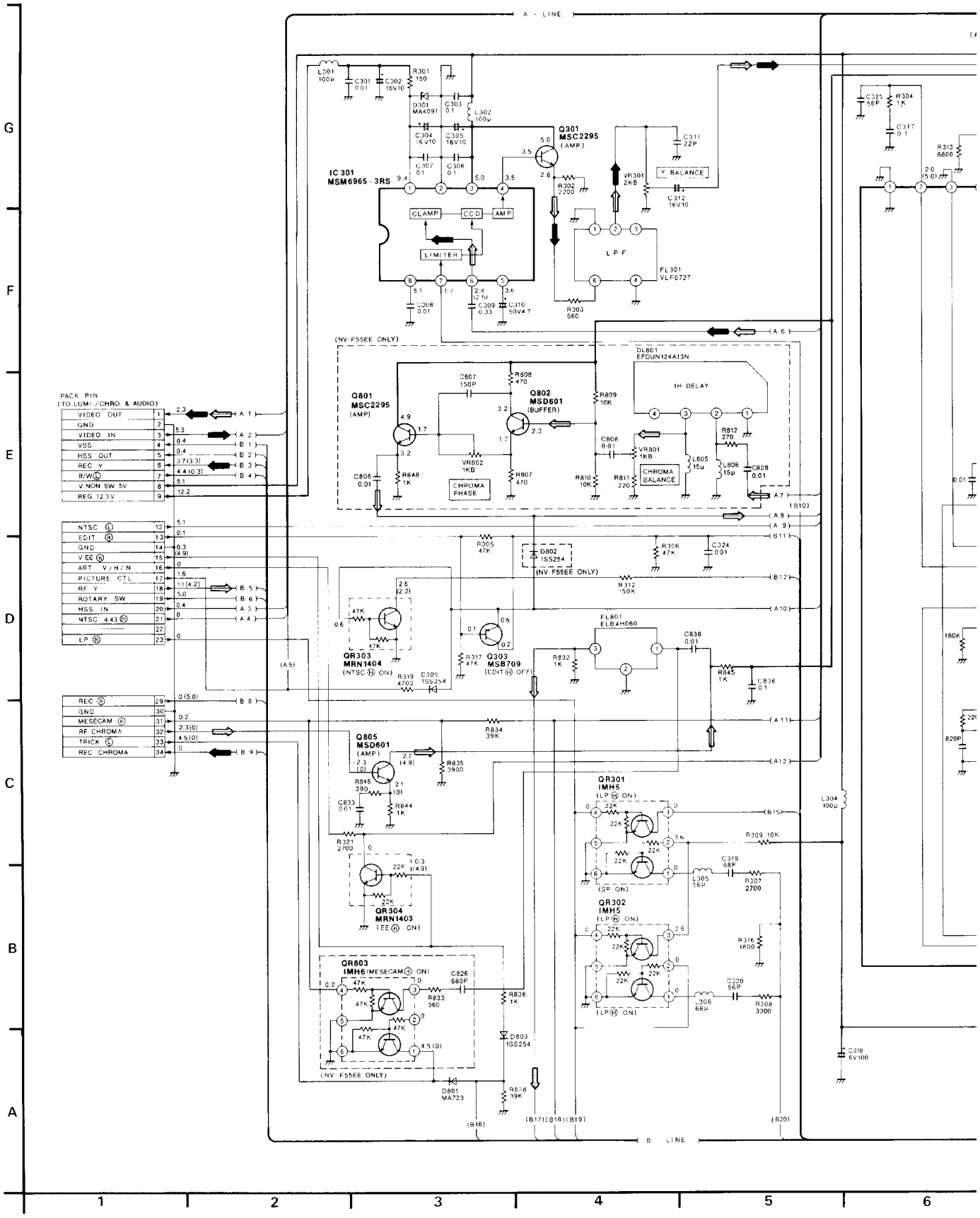
WAVEFORM OF LUMINANCE & CHROMINANCE PACK PINS
(SP MODE: PAL/NTSC)

PIN NO.	WAVE FORM	PIN NO.	WAVE FORM
1	2.2Vp-p (REC/P.B)	18	0.8Vp-p (P.B)
3	1.0Vp-p: PAL 0.6Vp-p: NTSC (REC/P.B)	19	5.0Vp-p (REC/P.B)
4	2.0Vp-p: PAL 2.2Vp-p: NTSC (REC/P.B)	20	5.0Vp-p (REC/P.B)
5	 5.0Vp-p (REC/P.B)	32	0.3Vp-p (P.B)
6	1.0Vp-p (REC)	34	0.8Vp-p: PAL 0.7Vp-p: NTSC (REC)
7	 0.15Vp-p: PAL (P.B)		

WAVEFORM OF NTSC RECORDING PACK PINS
(SP MODE: PAL/NTSC)

PIN NO.	WAVE FORM	PIN NO.	WAVE FORM
3	 0.6Vp-p: PAL 0.7Vp-p: NTSC (P.B)	10	1.0Vp-p: PAL 0.5Vp-p: NTSC (REC/P.B)
4	0.5Vp-p: PAL (P.B) 0.2Vp-p: NTSC (REC) 0.4Vp-p: NTSC (P.B)	14	 1.0Vp-p: PAL (REC/P.B) 0.4Vp-p: NTSC (REC) 1.0Vp-p: NTSC (P.B)
7, 8	0.5Vp-p (REC/P.B)	15	 0.5Vp-p: PAL (REC/P.B) 0.2Vp-p: NTSC (REC) 0.8Vp-p: NTSC (P.B)

3-13. LUMINANCE & CHROMINANCE PACK SCHEMATIC DIAGRAM (NV-F



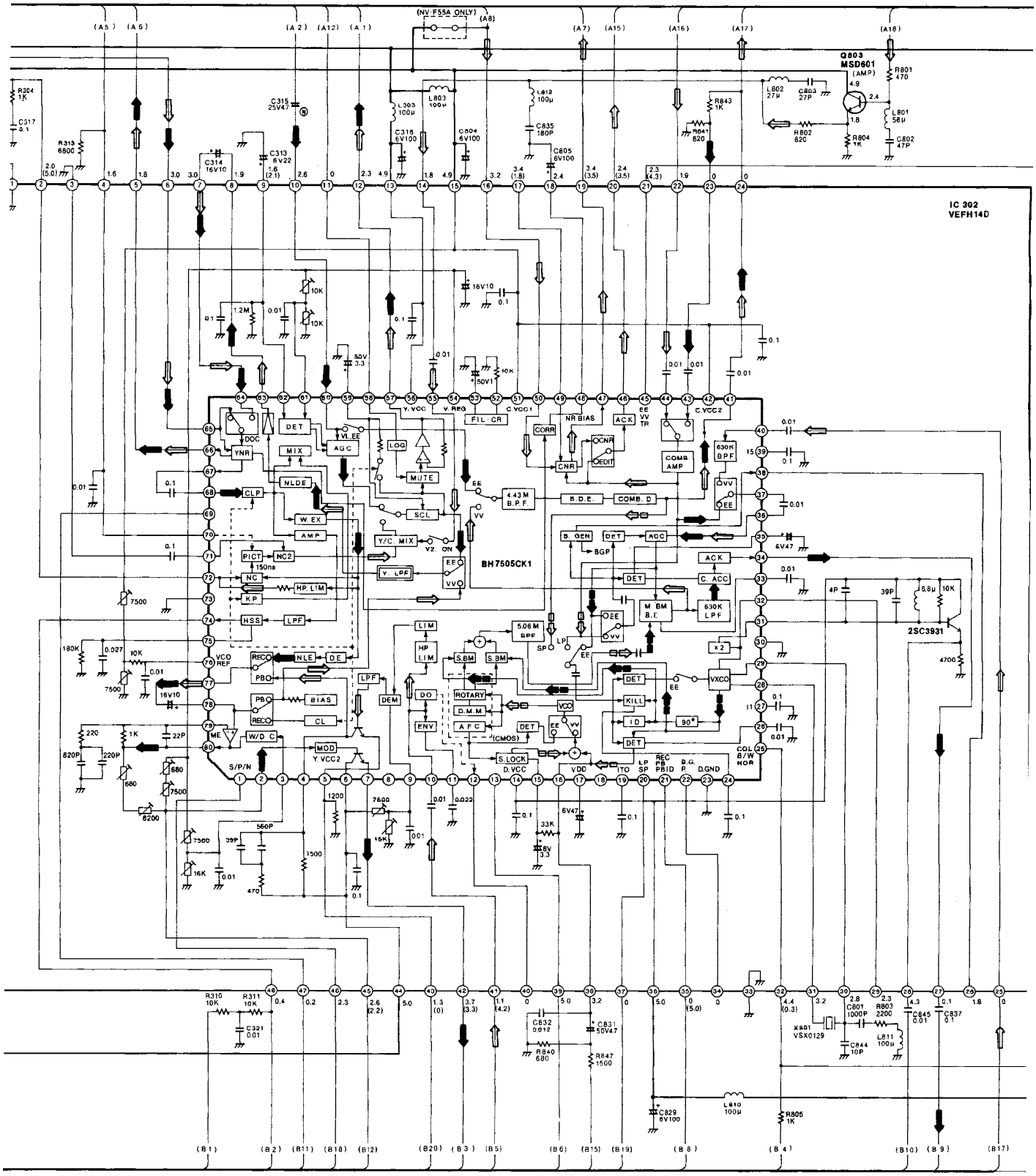
[(NV-F55A/EE)

MAIN SIGNAL PATH IN REC MODE

MAIN SIGNAL PATH IN PLAYBACK MODE

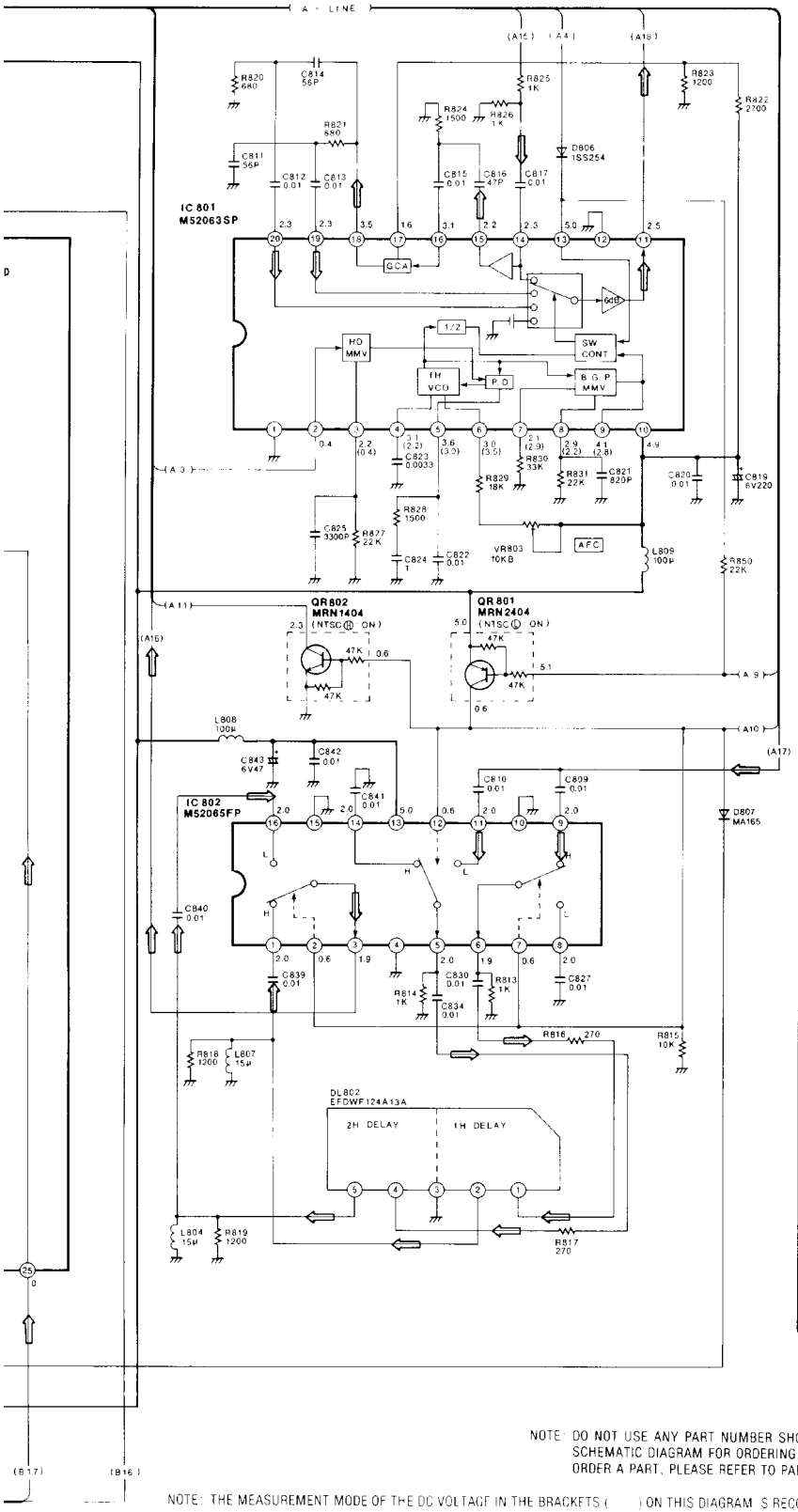
5.06MHz PHAS

5.06MHz PHAS



6 | 7 | 8 | 9 | 10 | 11

'HASE ROTATIONAL SIGNAL IN REC MODE
'HASE ROTATIONAL SIGNAL IN PLAYBACK MODE



LUMINANCE & CHROMINANCE PACK PIN

PIN NO.	WAVEFORM
1	2.2Vp-p (REC/P.B)
3	1.0Vp-p (REC/P.B)
4	2.0Vp-p (REC/P.B)
5	4.8Vp-p (REC/P.B)
6	0.8Vp-p (REC)
18	0.36Vp-p (P.B)
19	5.2Vp-p (REC/P.B)
26	4.8Vp-p (REC/P.B)
32	0.3Vp-p (P.B)
34	0.64Vp-p (REC)

IC302 (VEFH14D)

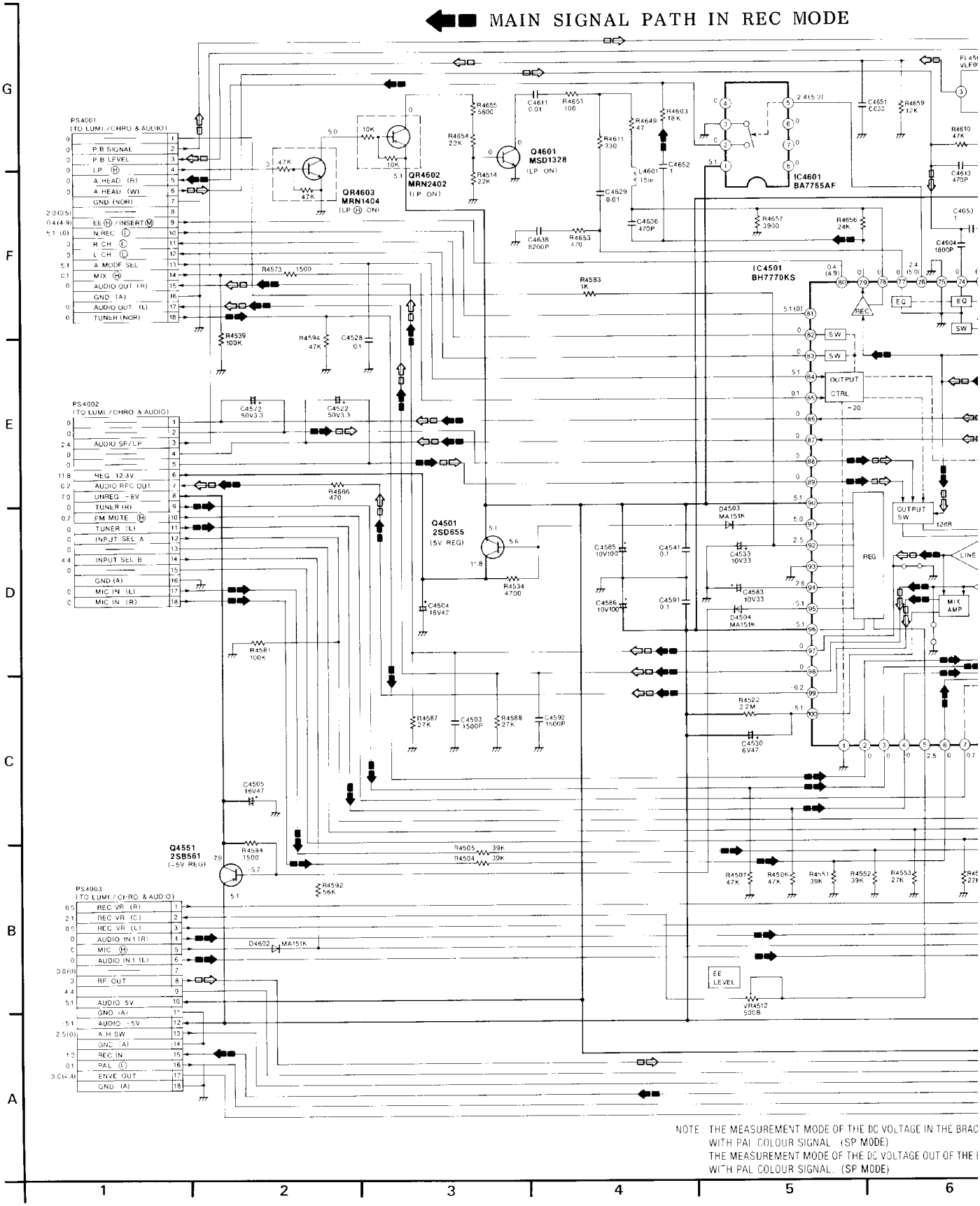
PIN NO.	WAVEFORM	PIN NO.	WAVEFORM
2	0.3Vp-p (P.B)	28, 29	0.5Vp-p (REC/P.B)
5, 6, 7, 8	0.5Vp-p (REC/P.B)	30	0.2Vp-p (REC/P.B)
10	1.0Vp-p (REC/P.B)	31	0.24Vp-p (REC/P.B)
12	2.2Vp-p (REC/P.B)	39	5.0Vp-p (REC/P.B)
17	0.24Vp-p (REC)	40	0.5Vp-p (REC/P.B)
22	0.14Vp-p (REC/P.B)	41	0.25Vp-p (P.B)
23	0.4Vp-p (REC)	42	0.8Vp-p (REC)
24	0.9Vp-p (REC/P.B)	43	0.36Vp-p (P.B)
26	0.5Vp-p (REC/P.B)	48	4.6Vp-p (REC/P.B)
27	0.7Vp-p (REC)		

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL (SP MODE)

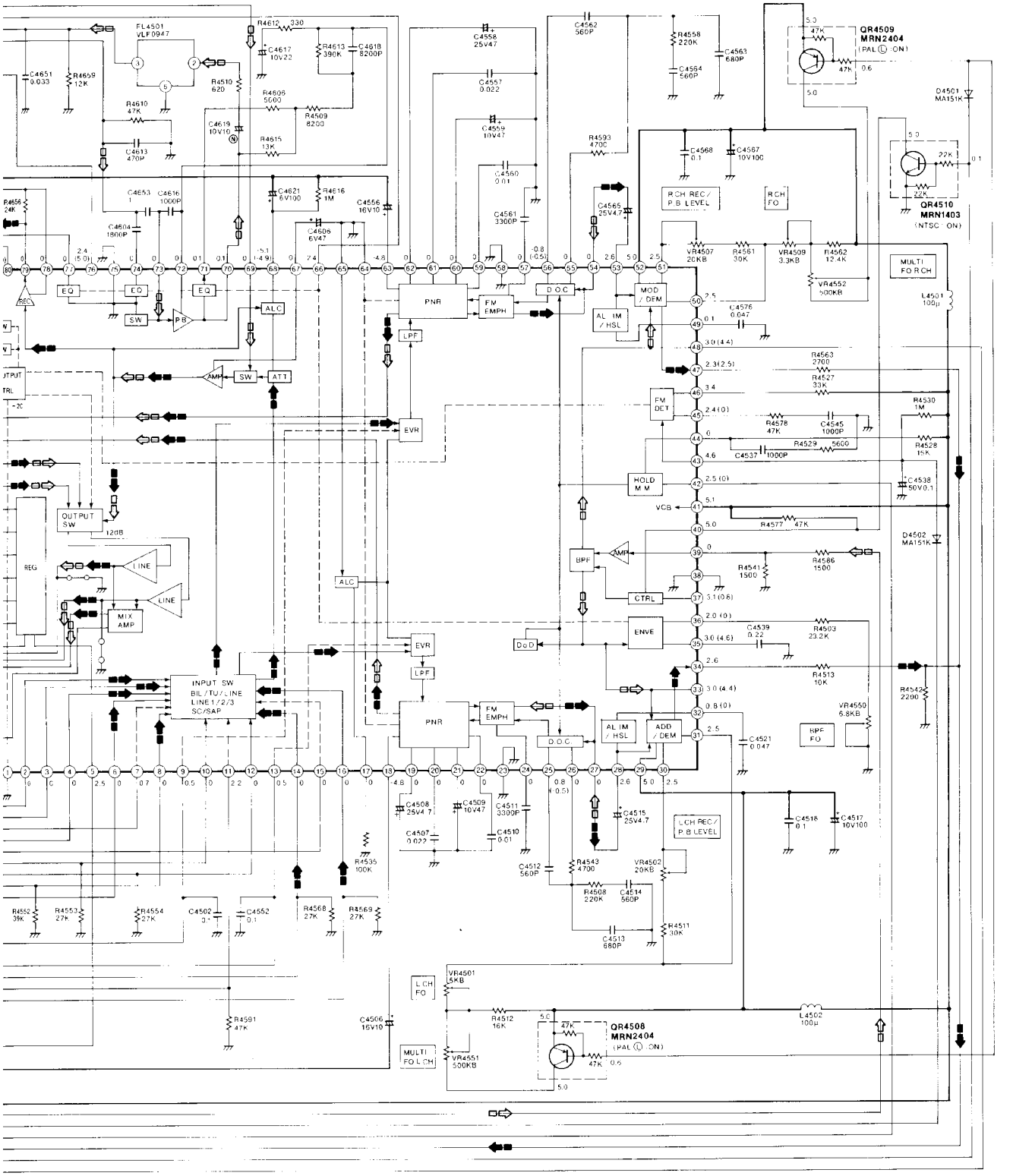
12 13 14 15

3-15. Hi-Fi AUDIO PACK SCHEMATIC DIAGRAM



E

⇦□ MAIN SIGNAL PATH IN PLAYBACK MODE



THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE (SP MODE)

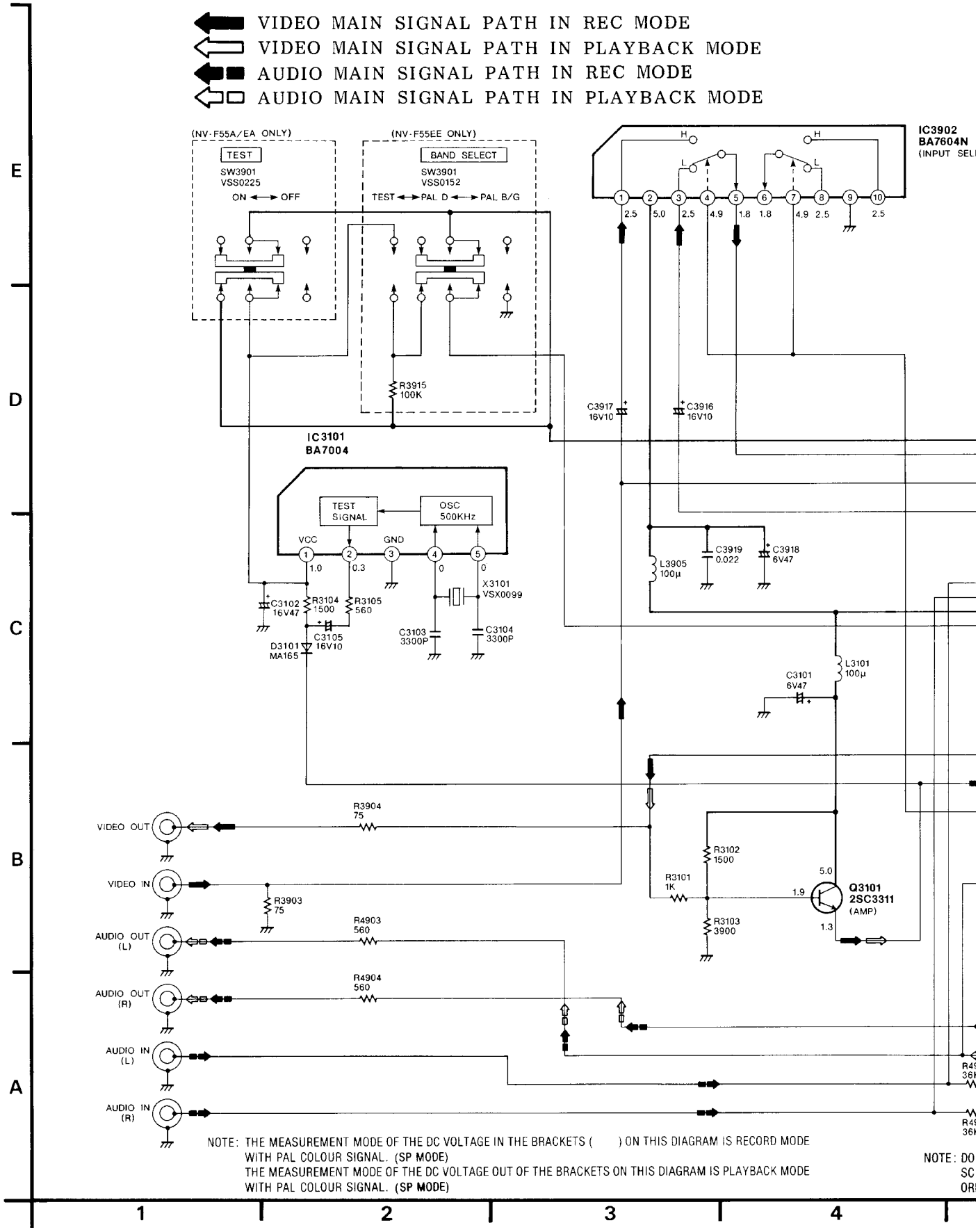
THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE (SP MODE)

• LINE IN SIGNAL LEVEL... 10dB 1kHz

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

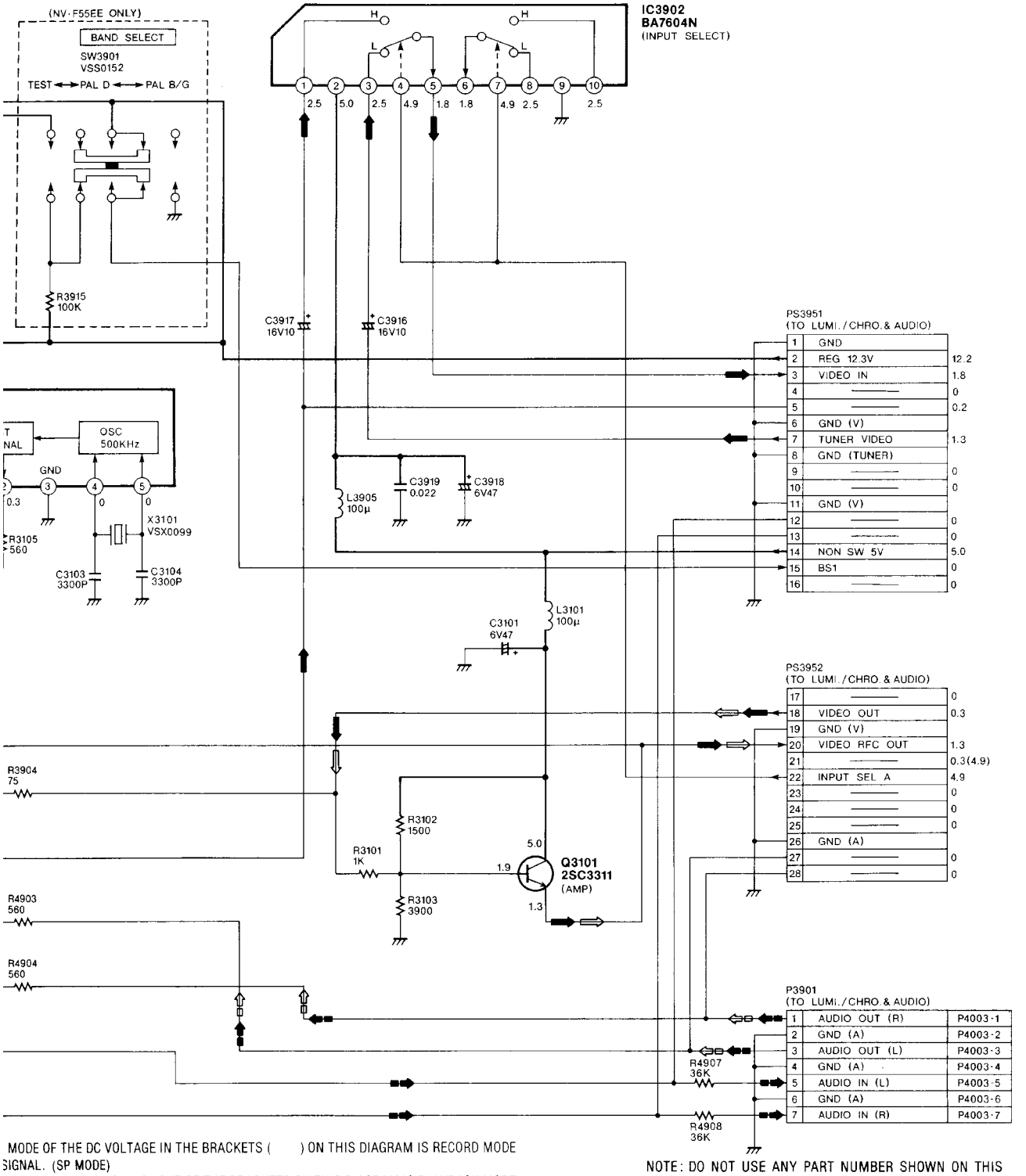
6 7 8 9 10

3-17. INPUT/OUTPUT PACK SCHEMATIC DIAGRAM



K SCHEMATIC DIAGRAM

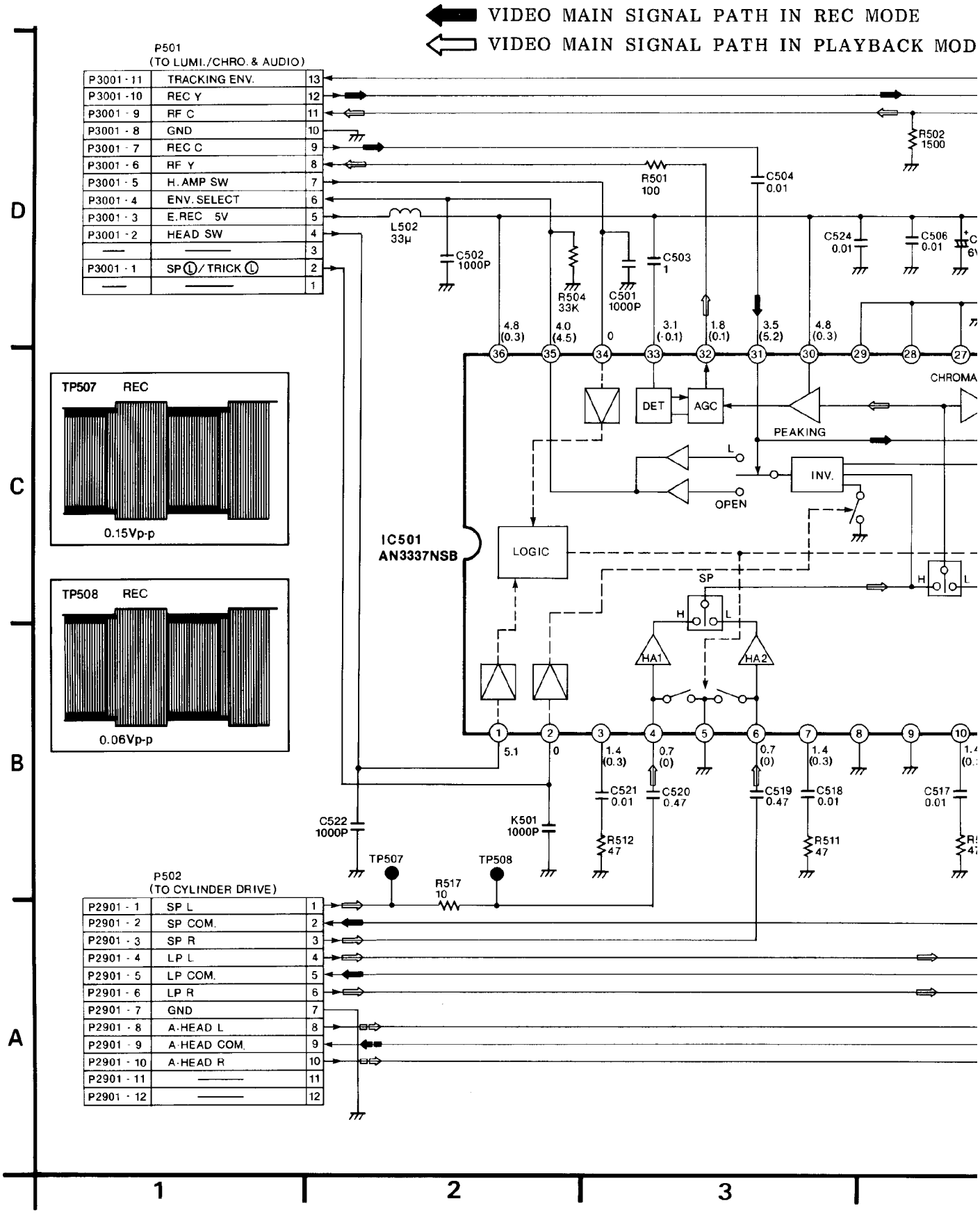
AIN SIGNAL PATH IN REC MODE
AIN SIGNAL PATH IN PLAYBACK MODE
AIN SIGNAL PATH IN REC MODE
AIN SIGNAL PATH IN PLAYBACK MODE



MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE SIGNAL. (SP MODE)
MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE SIGNAL. (SP MODE)

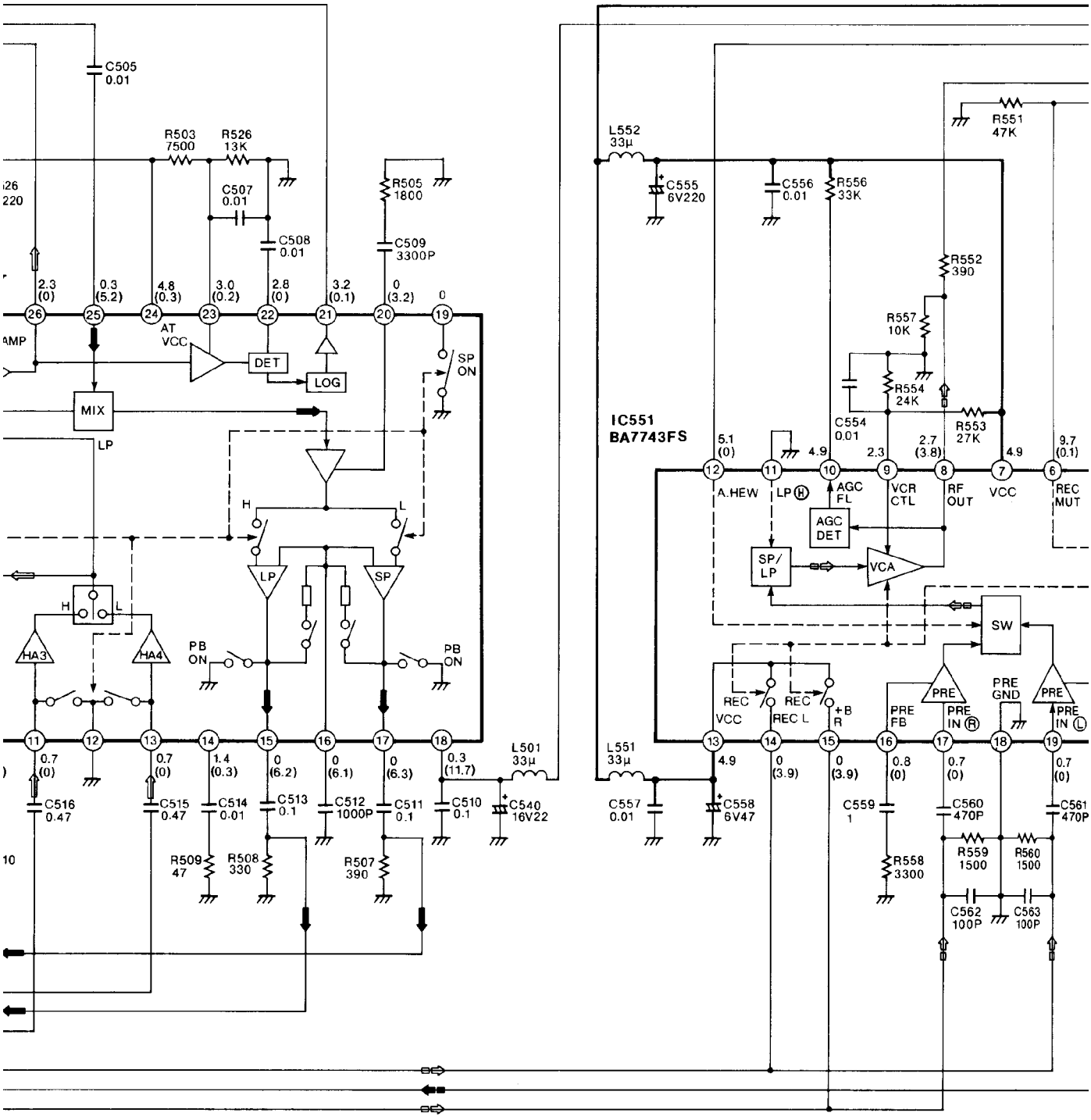
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

3-19. HEAD AMP SCHEMATIC DIAGRAM

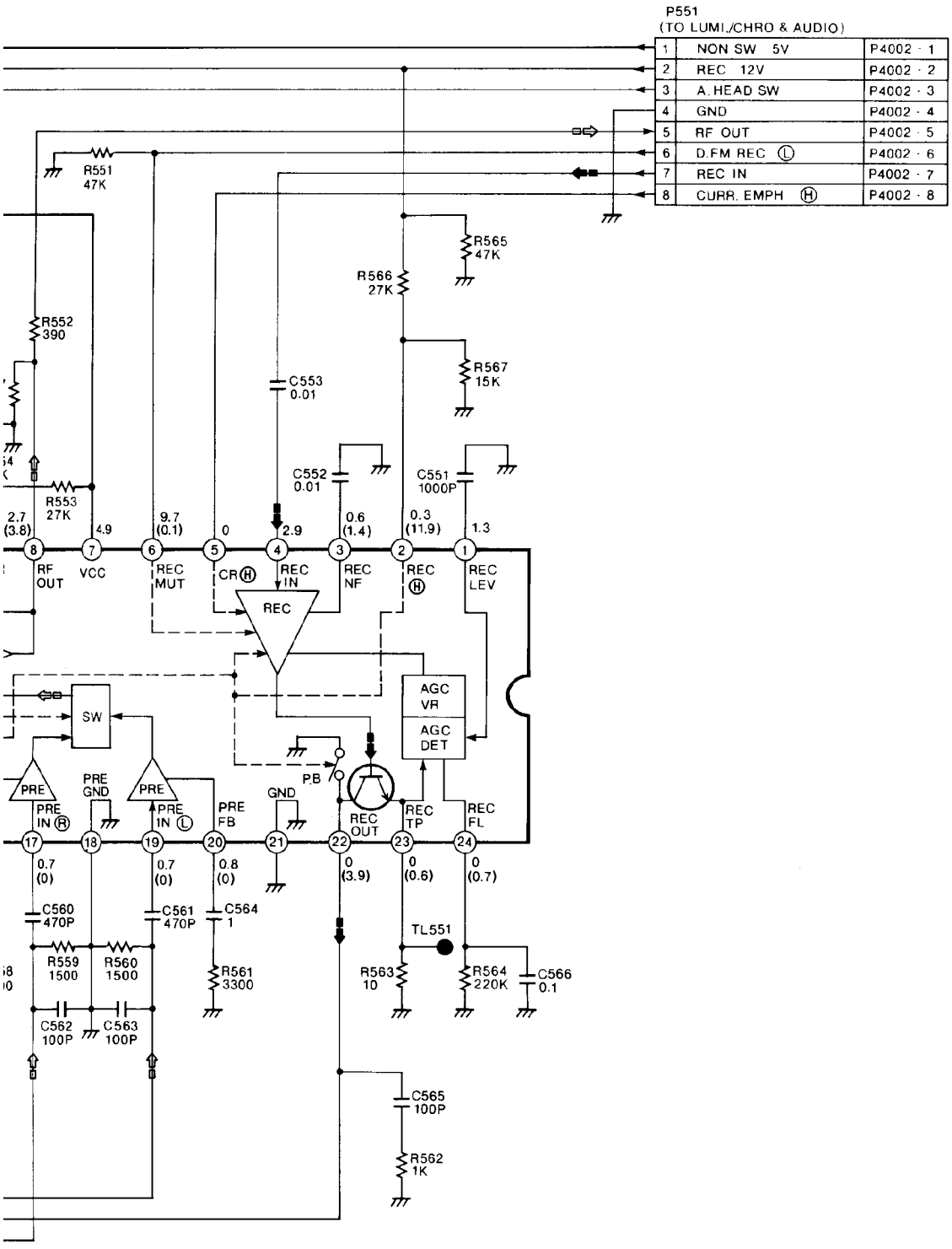


Hi-Fi AUDIO MAIN SIGNAL PATH IN REC MODE

Hi-Fi AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE



NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

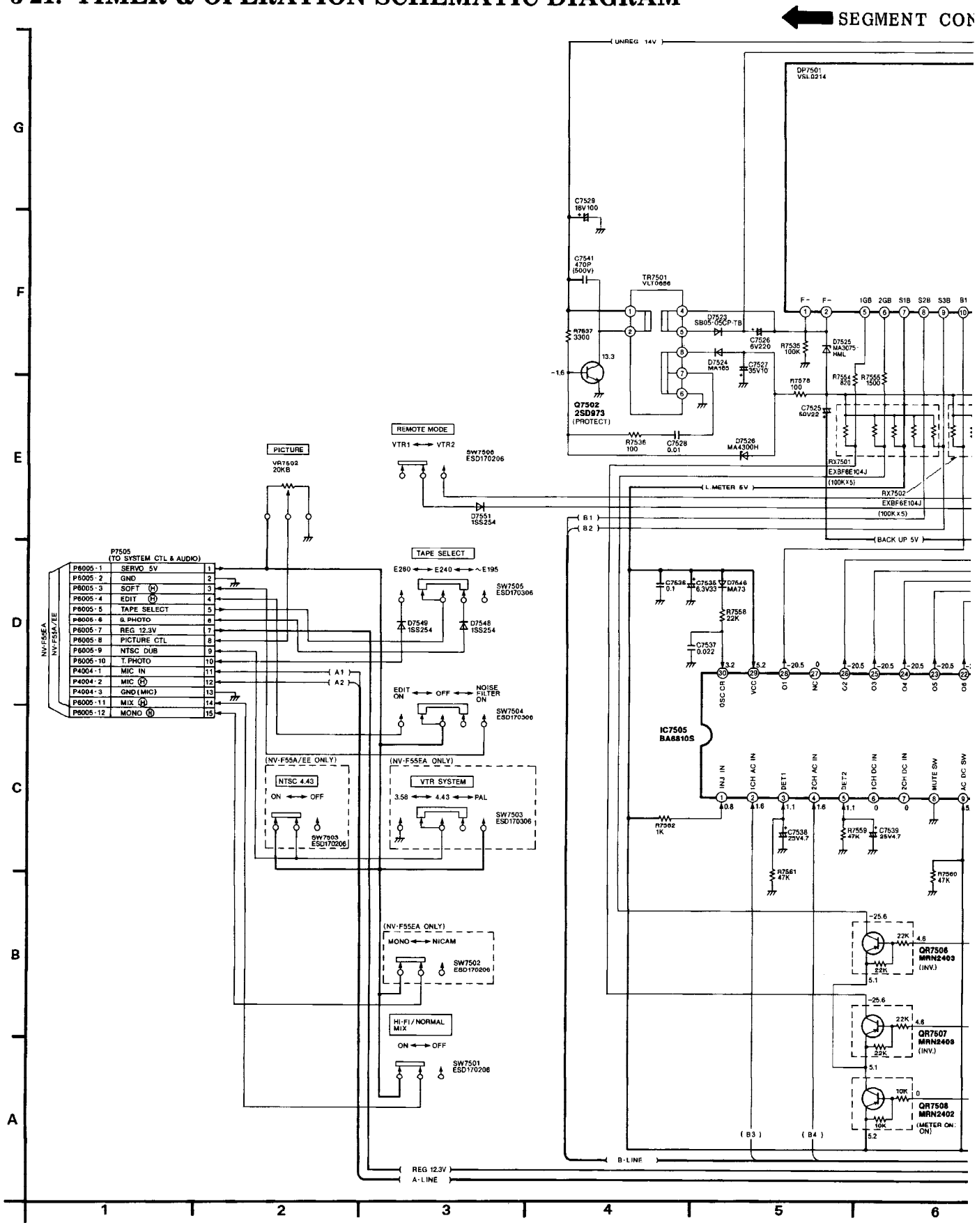


MODE

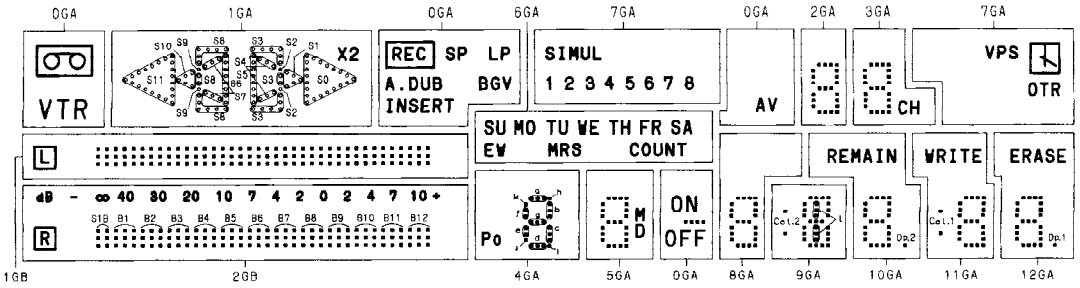
MODE

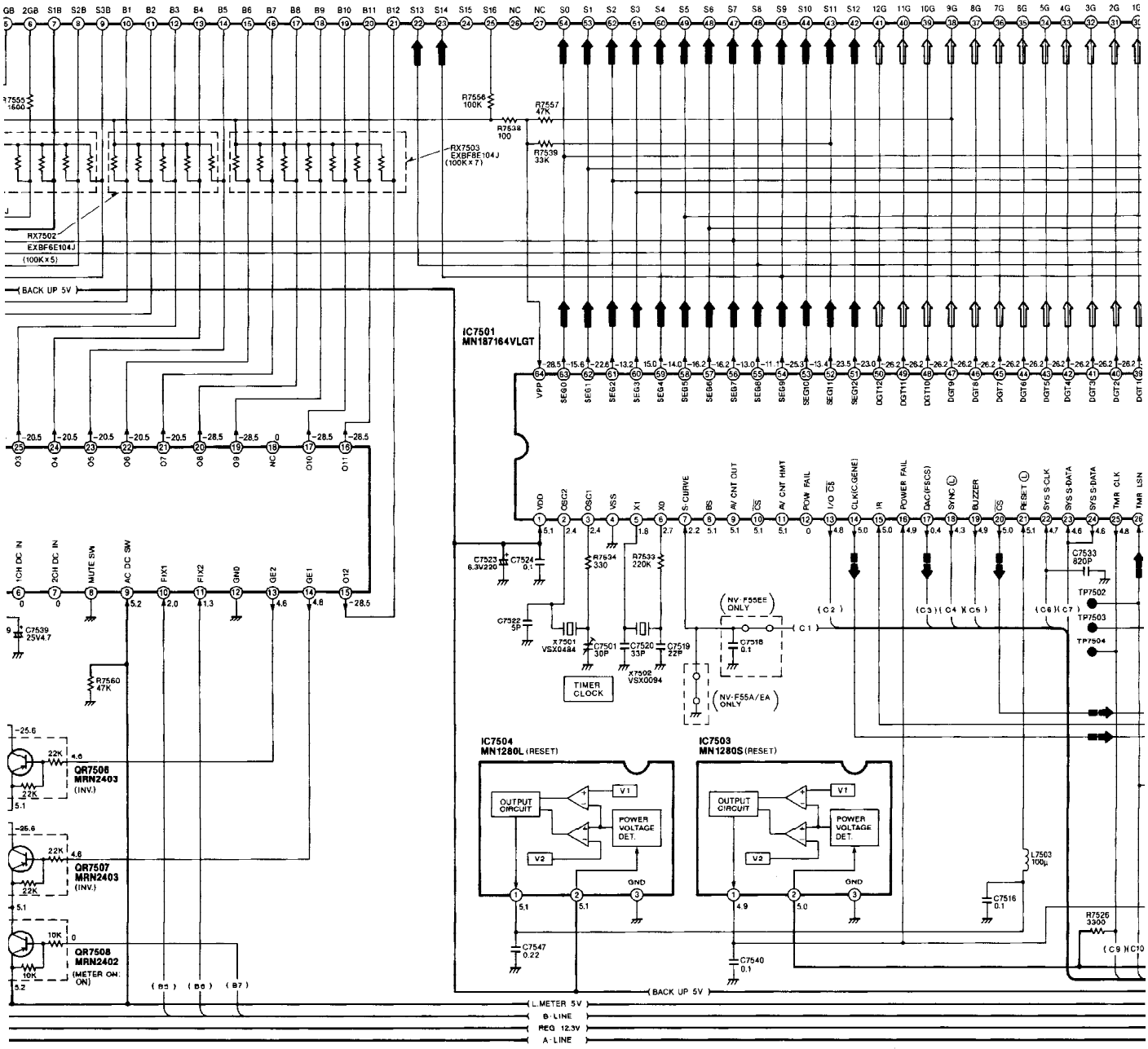
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

3-21. TIMER & OPERATION SCHEMATIC DIAGRAM



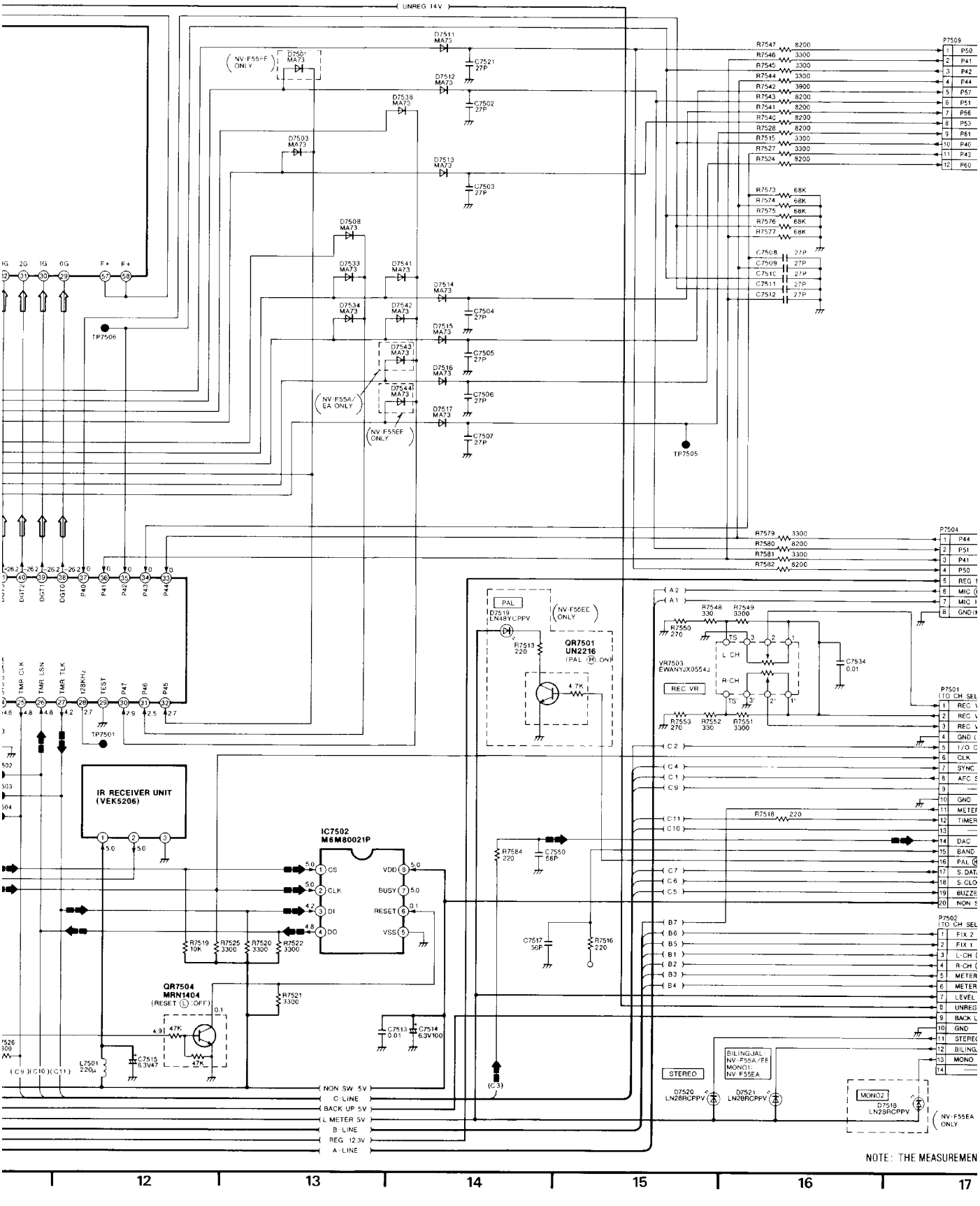
GMENT CONTROL SIGNAL ⇦ GRID CONTROL SIGNAL ◀■ TUNE CONTROL SIGNAL

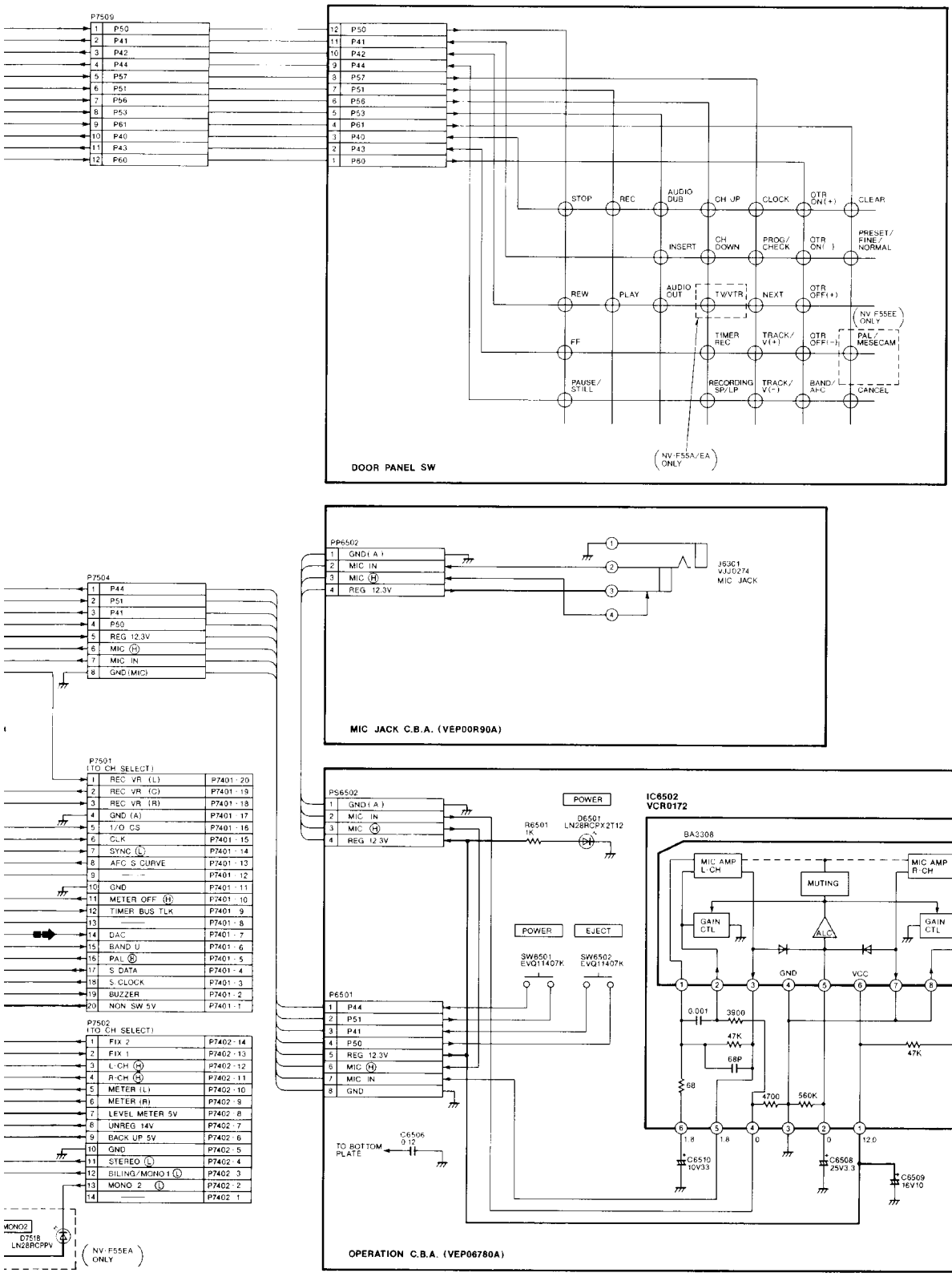




6 | 7 | 8 | 9 | 10 | 11

NAL


UNREG 14V
IR RECEIVER UNIT (VEK5206)
IC7502 M6M80021P
QR7501 UN2216
QR7504 MRN1404
TP7501
TP7505
TP7506
NON SW 5V
C-LINE
BACK UP 5V
L METER 5V
B-LINE
REG 12.3V
A-LINE
NOTE: THE MEASUREMEN

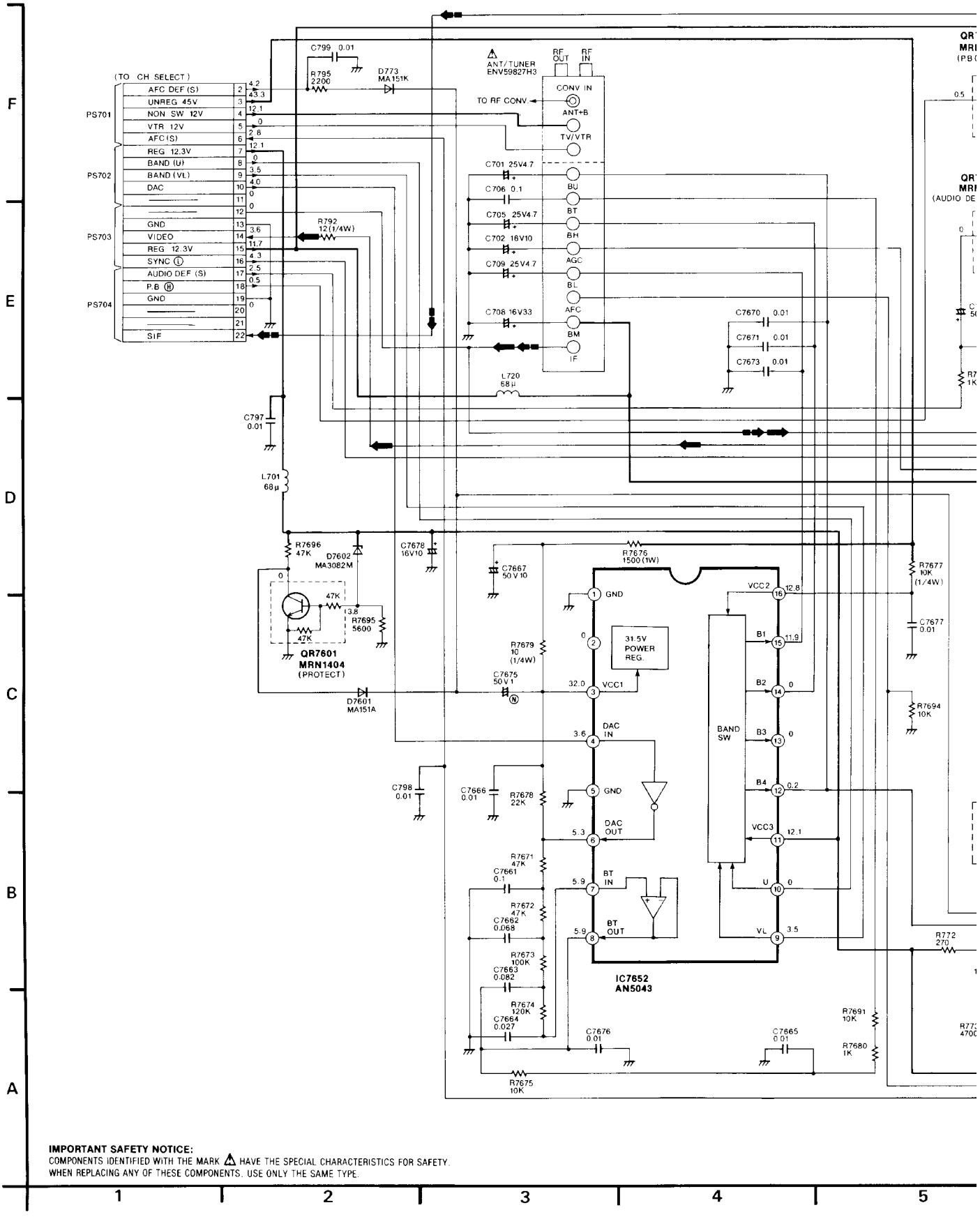


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE. (SP MODE)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

3-23. TV DEMODULATOR PACK SCHEMATIC DIAGRAM (NV-F55EE)

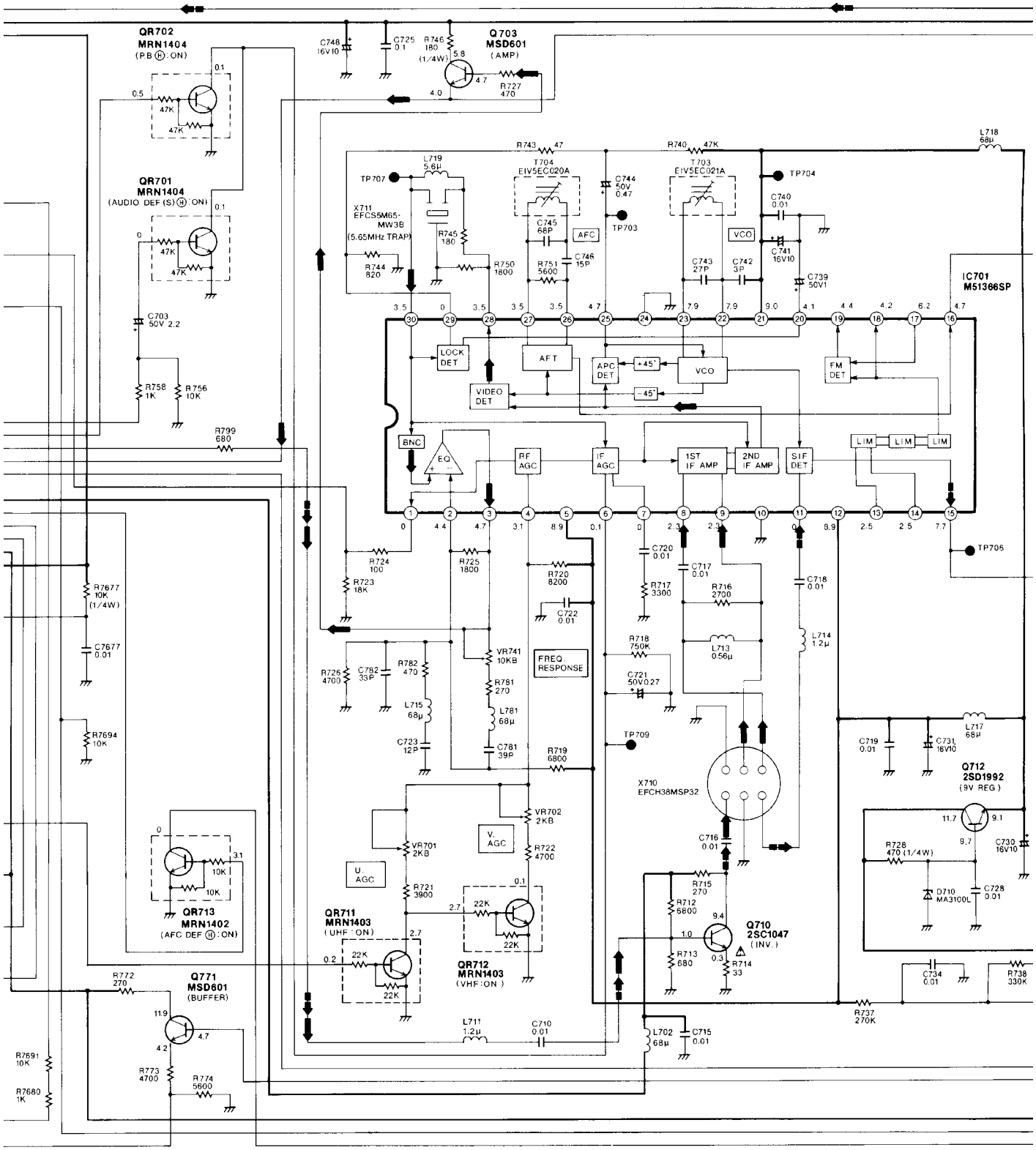
VI



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

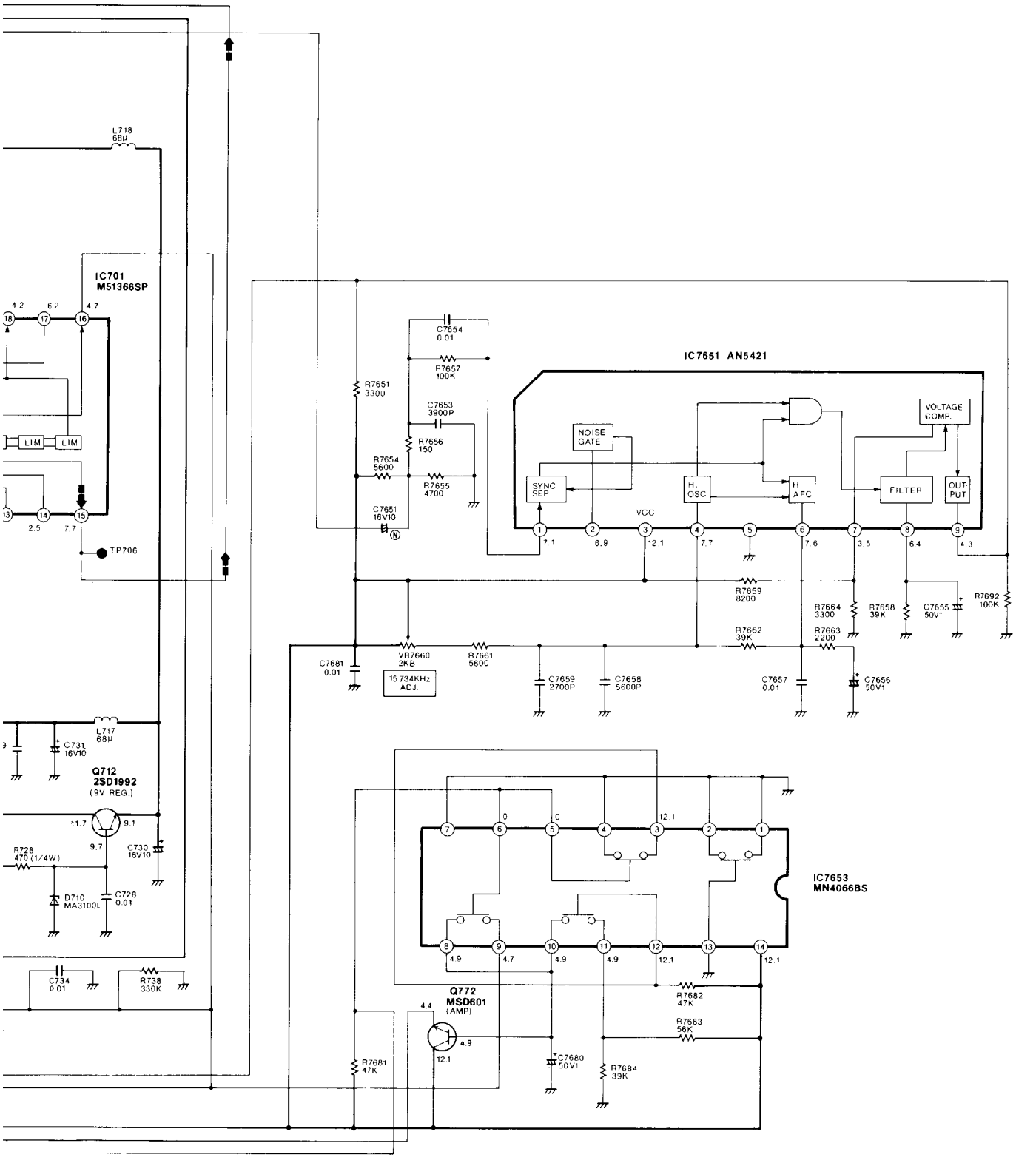
(SEE)

VIDEO SIGNAL PATH AUDIO SIGNAL PATH



NOTE: THE MEASUREME

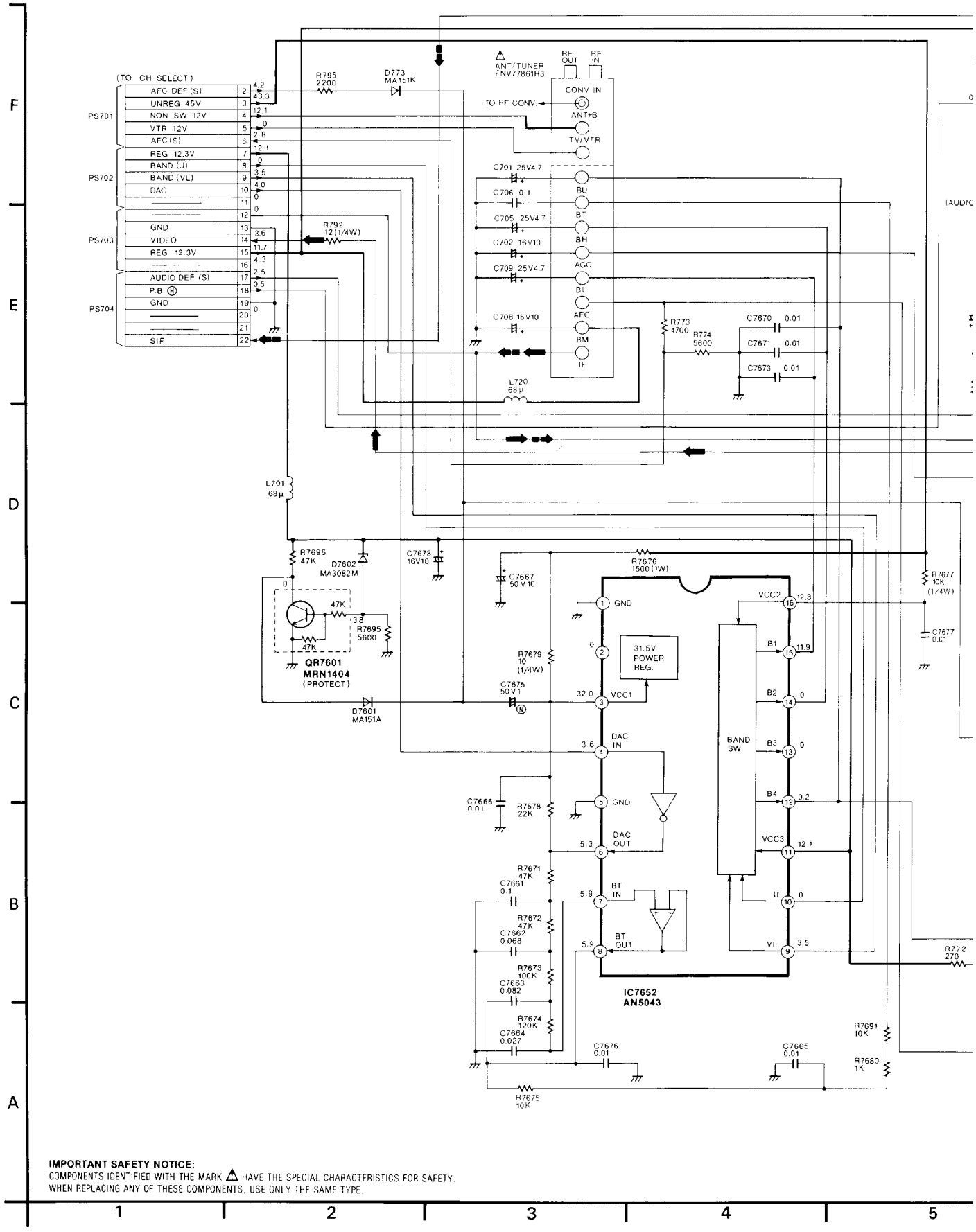
5 6 7 8 9



NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

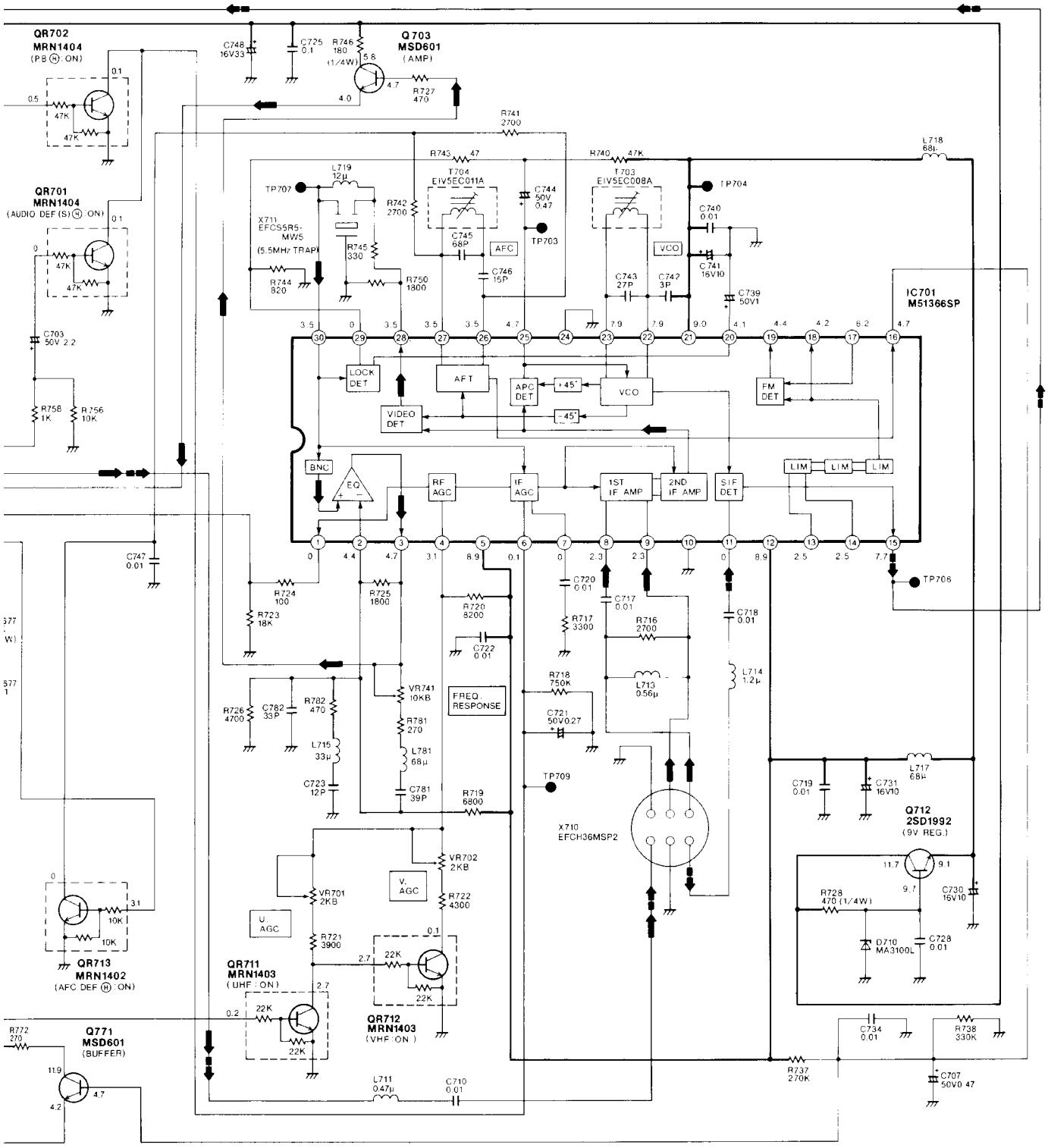
3-25. TV DEMODULATOR PACK SCHEMATIC DIAGRAM (NV-F55A)



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

VIDEO SIGNAL PATH

AUDIO SIGNAL PATH

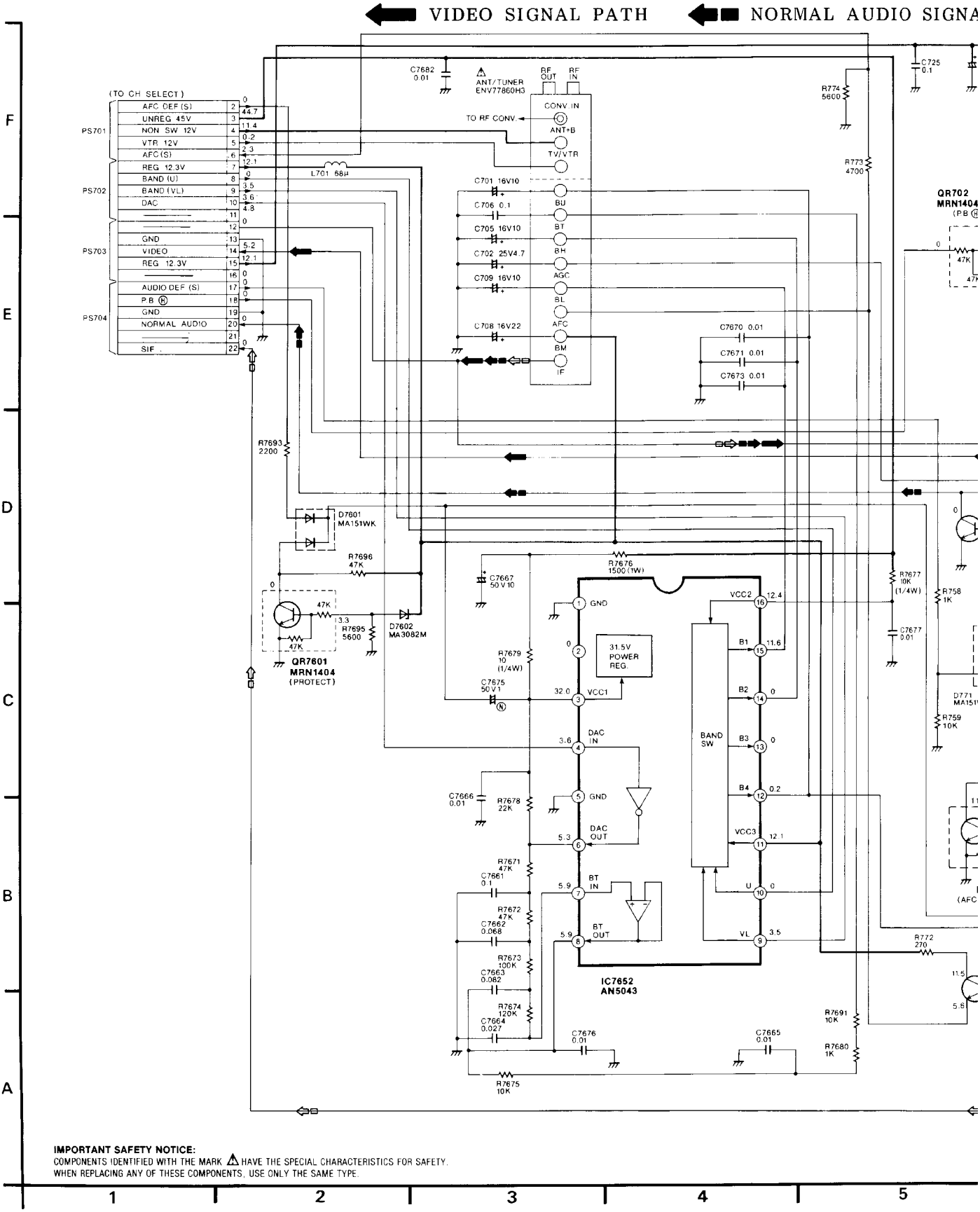


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

3-27. TV DEMODULATOR PACK SCHEMATIC DIAGRAM (NV-F55EA)

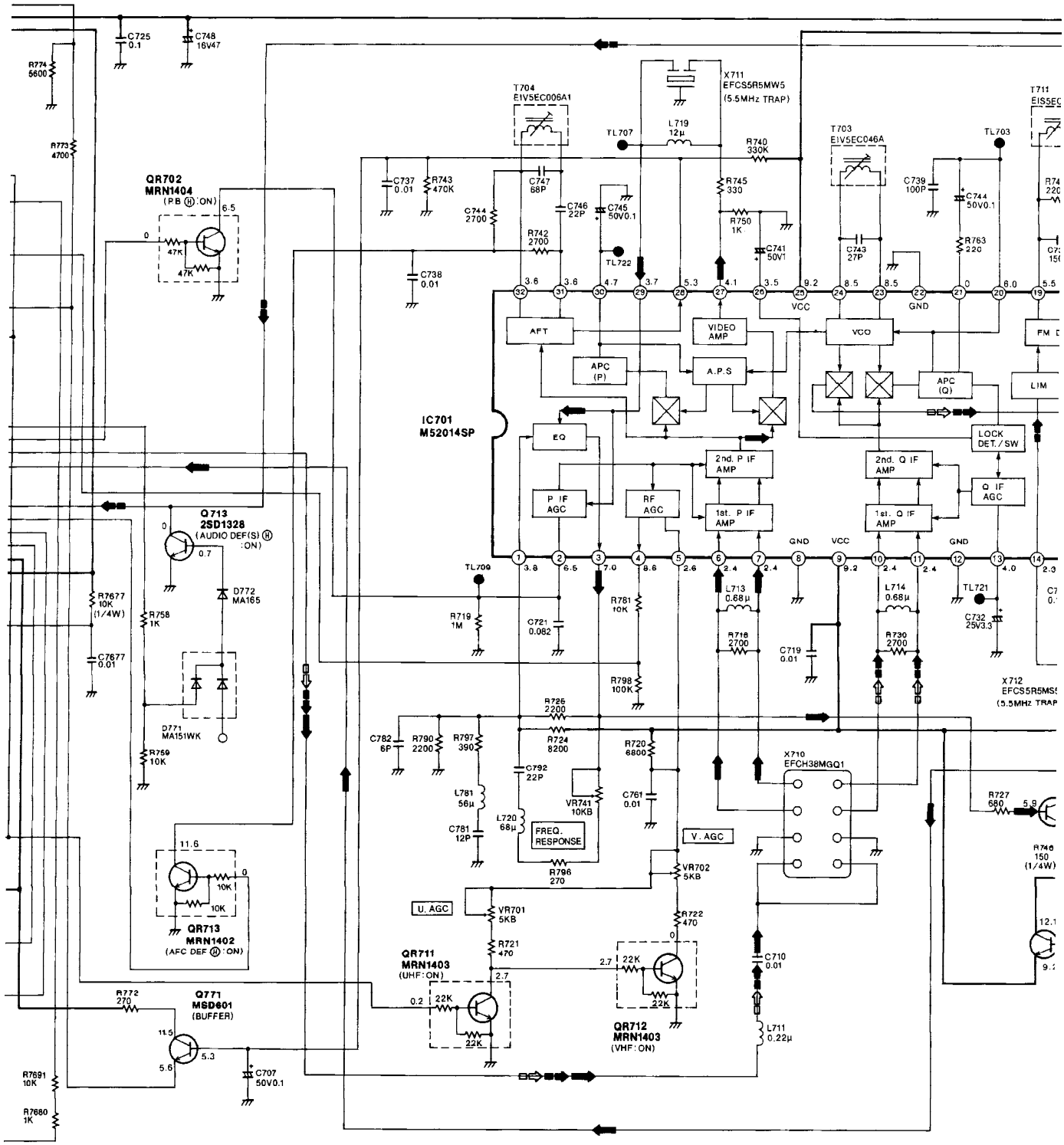
VIDEO SIGNAL PATH NORMAL AUDIO SIGNA



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

F55EA)

IAL AUDIO SIGNAL PATH ⇦ NICAM AUDIO SIGNAL PATH

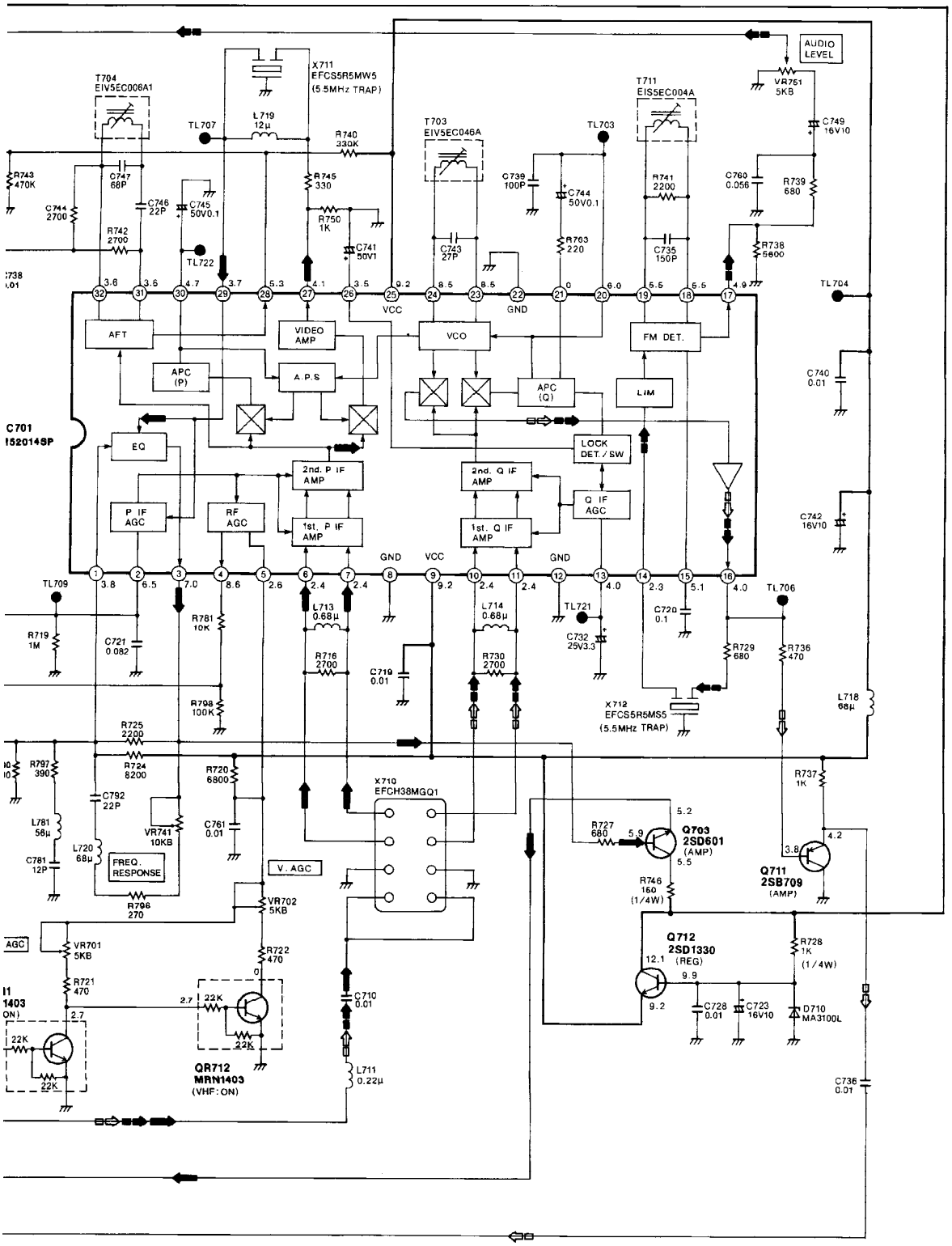


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOT

5 6 7 8 9

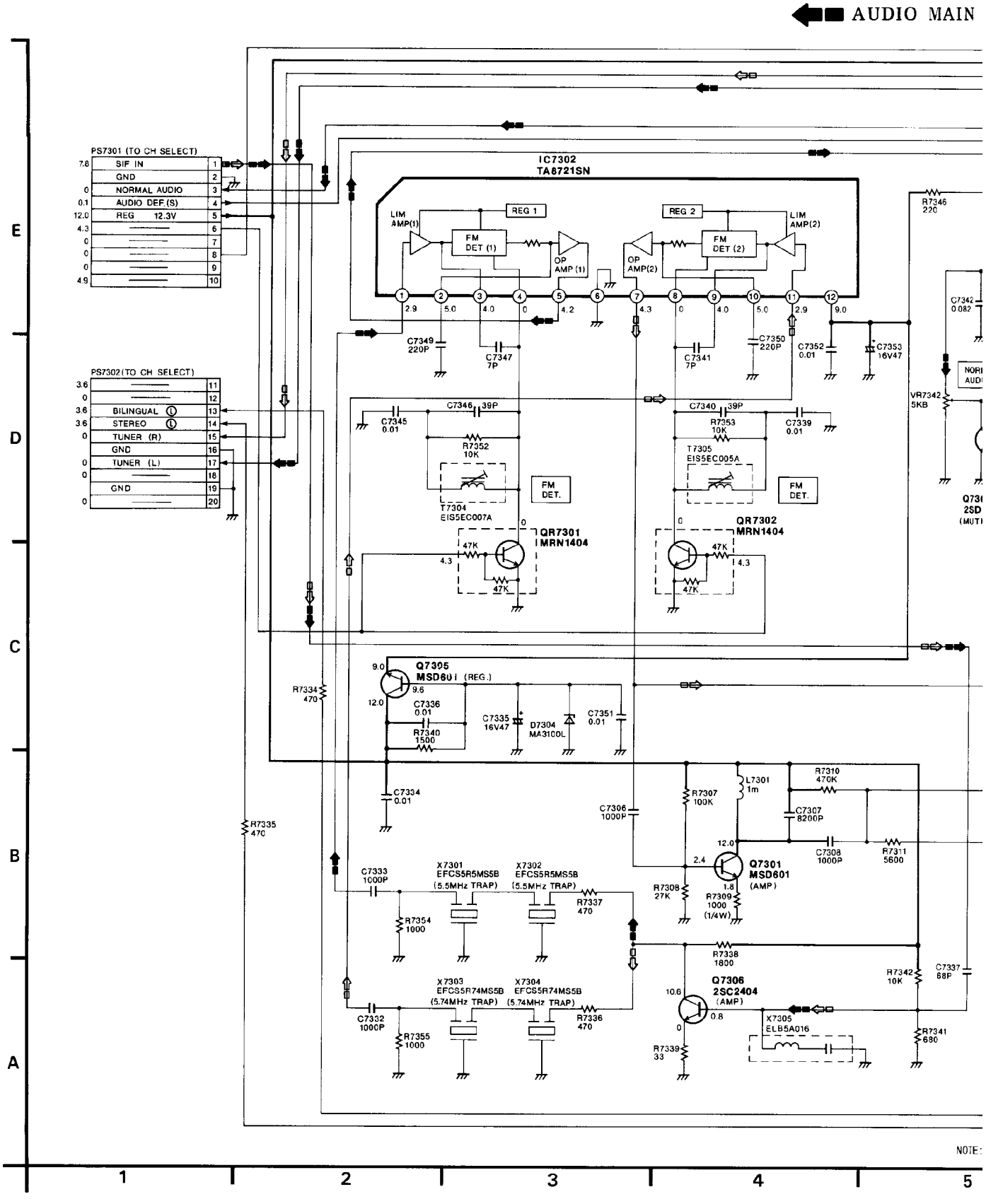
CAM AUDIO SIGNAL PATH



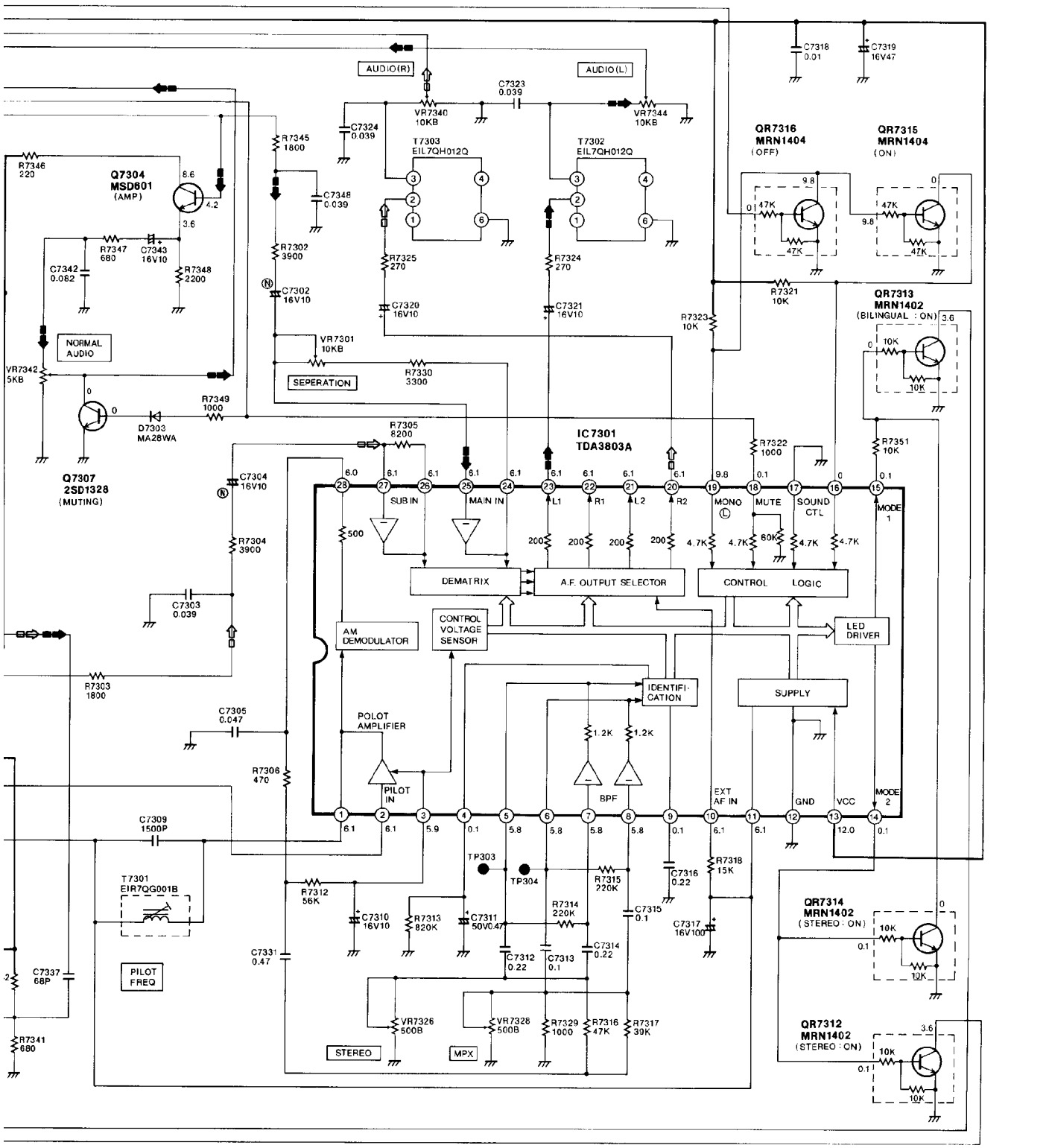
E MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

3-29. DECODER PACK SCHEMATIC DIAGRAM (NV-F55A)



) MAIN SIGNAL PATH ⇦□ AUDIO SUB SIGNAL PATH

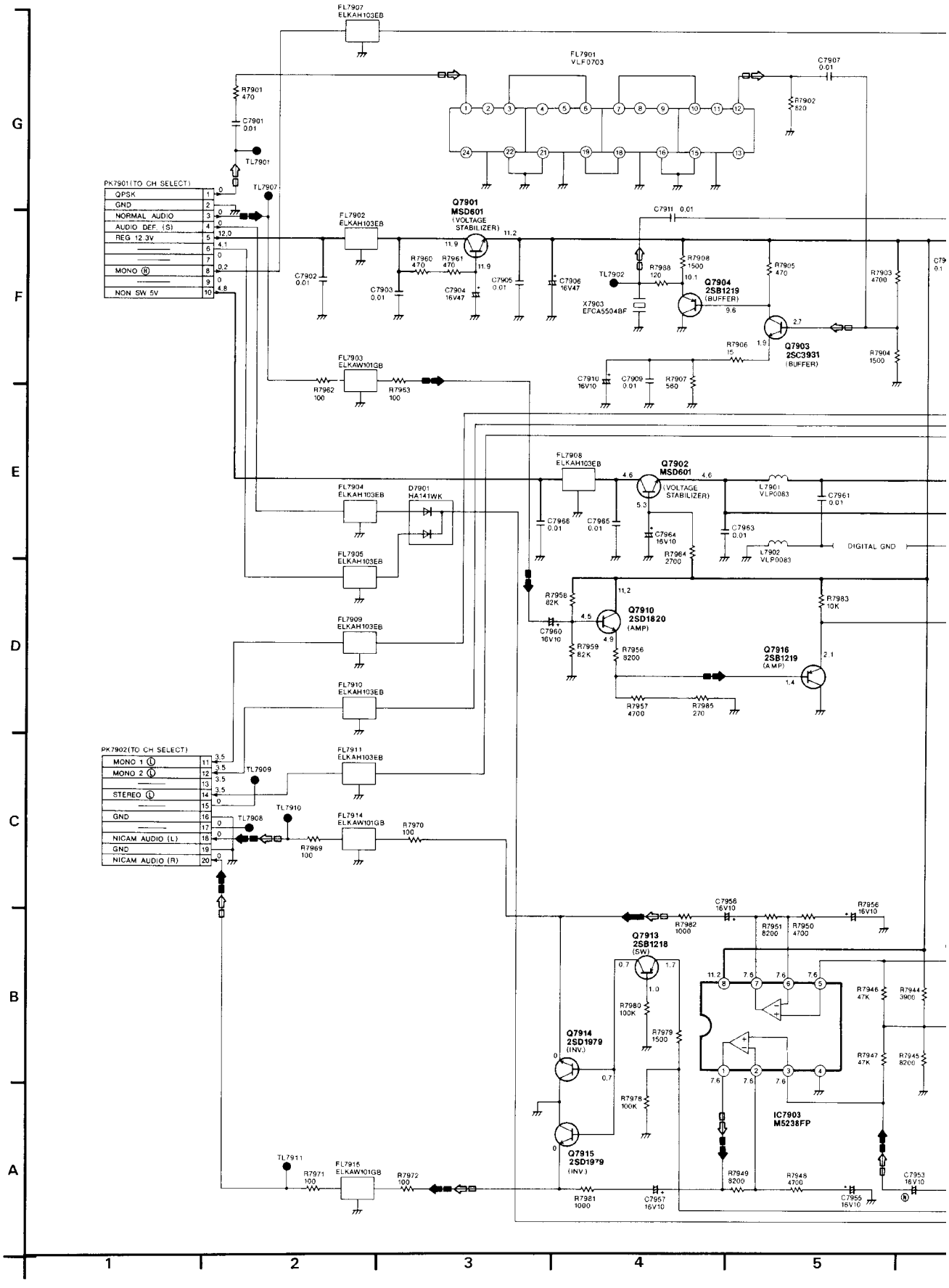


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

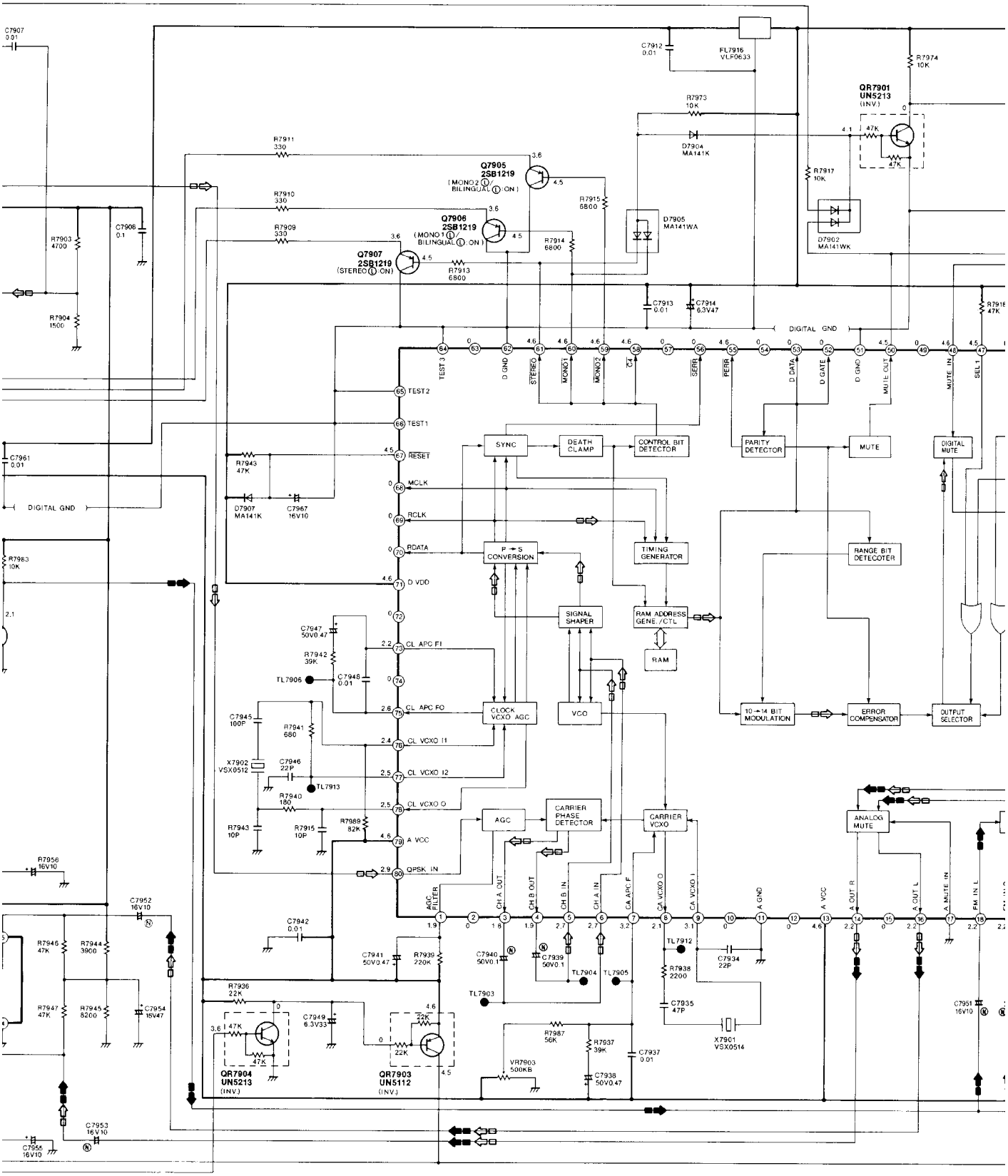
5 | 6 | 7 | 8 | 9

3-31. NICAM DECODER PACK SCHEMATIC DIAGRAM (NV-F55EA)



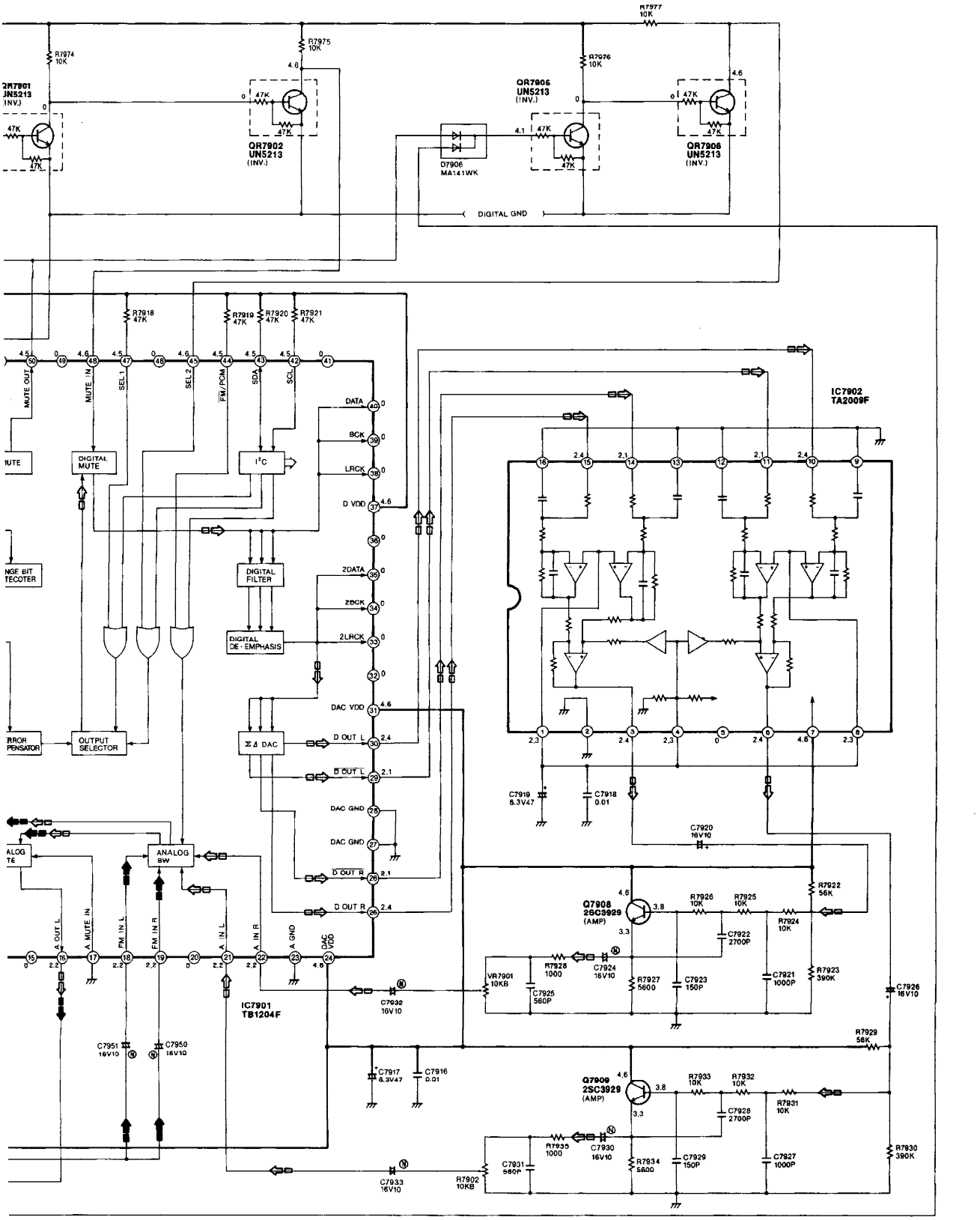
55EA)

NORMAL AUDIO SIGNAL PATH NICAM AUDIO SIGNAL PATH



NOTE: THE MEASUREMENT

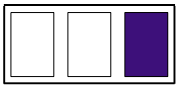
5 | 6 | 7 | 8 | 9 | 10



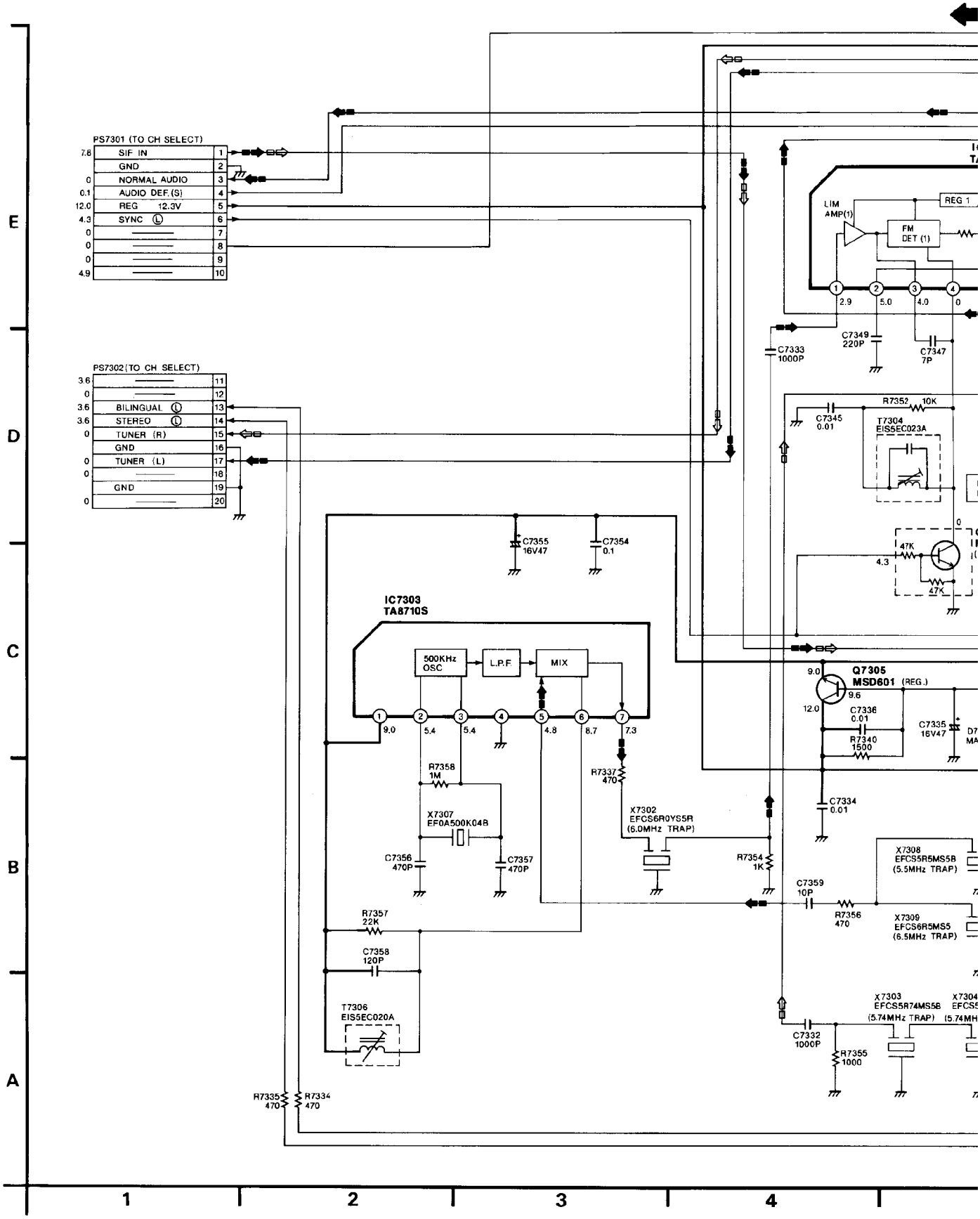
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

11 12 13 14 15



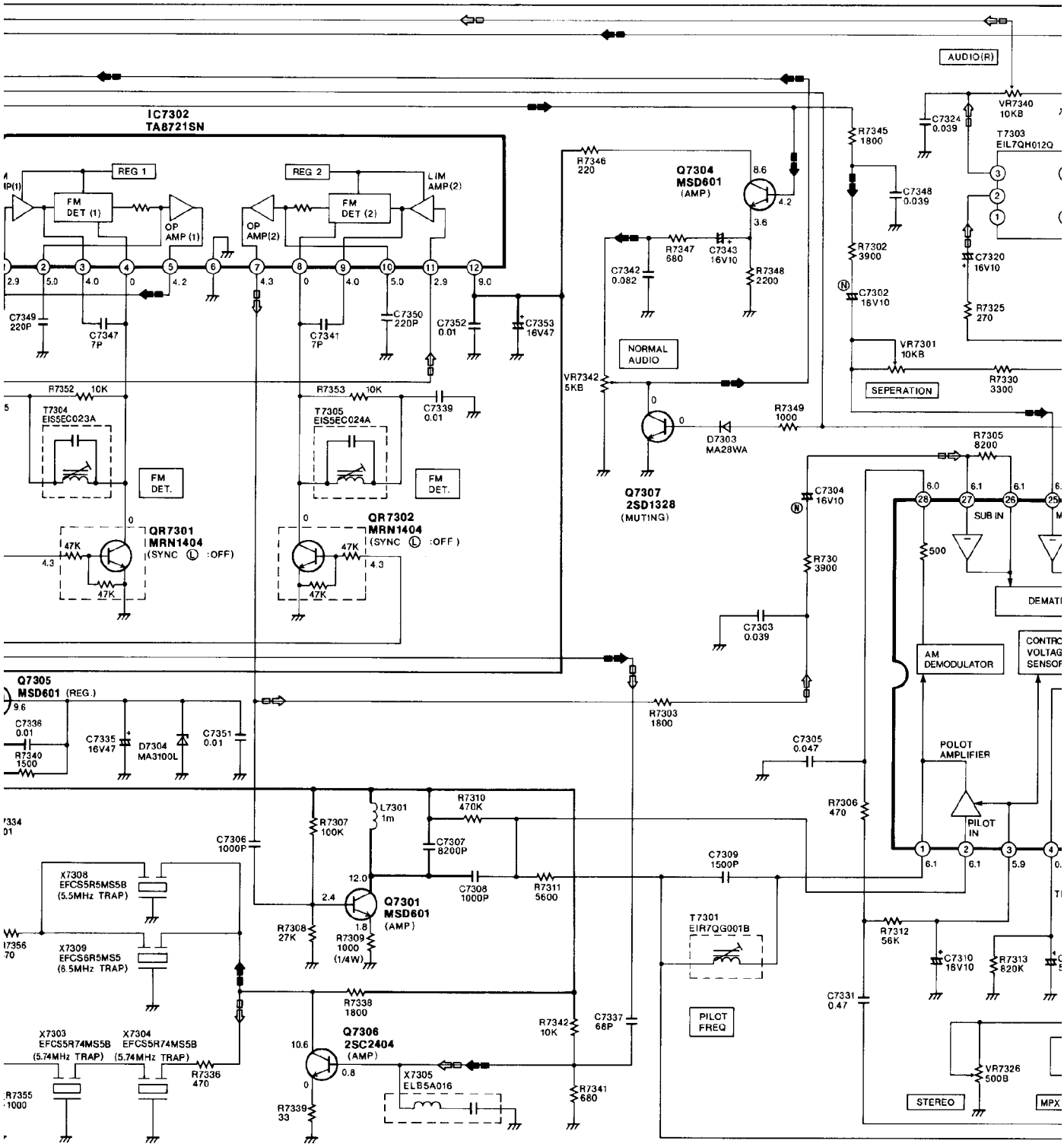
3-33. MULTI DECODER PACK SCHEMATIC DIAGRAM (NV-F55EE)



E)

AUDIO MAIN SIGNAL PATH

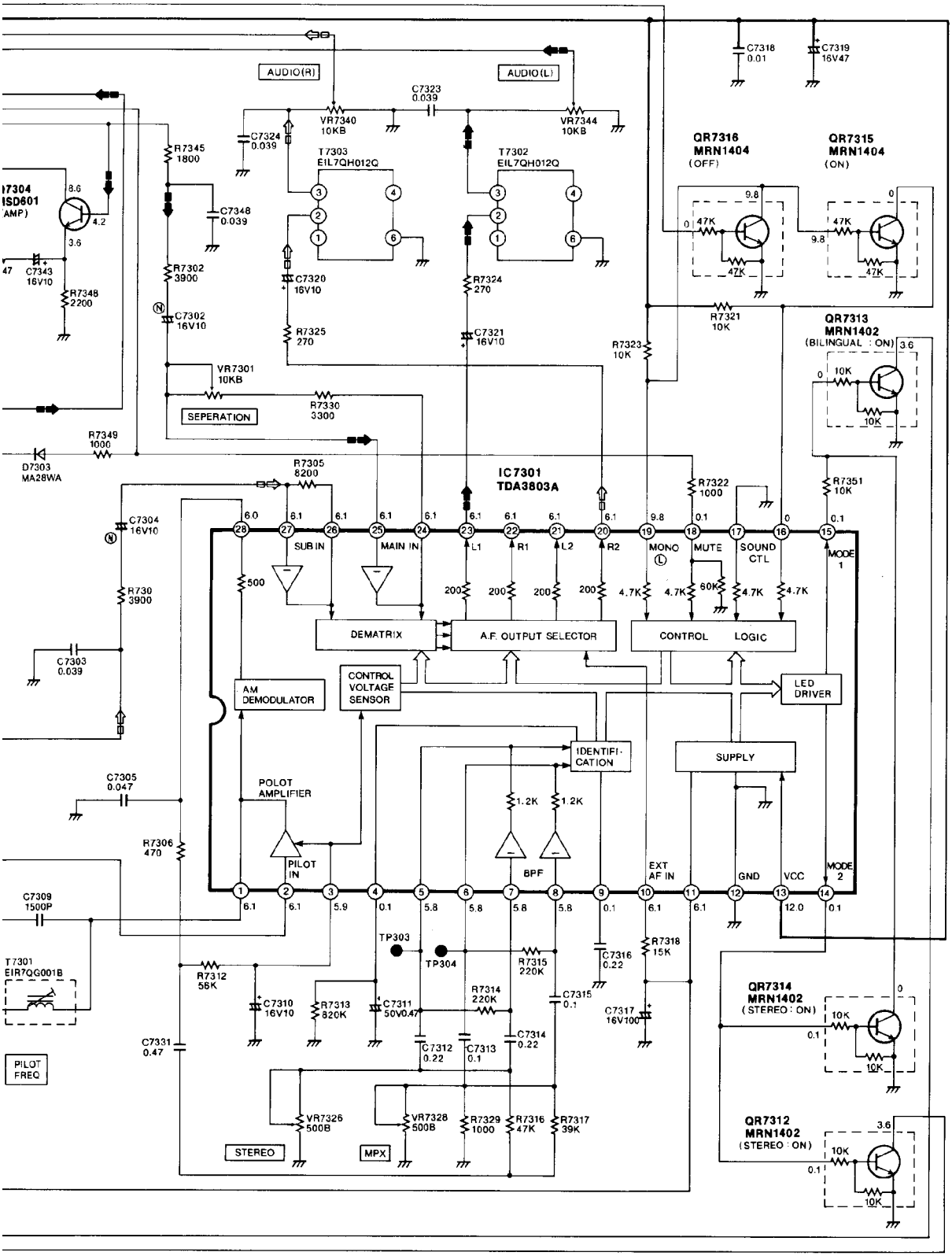
AUDIO SUB SIGNAL PATH



NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP

5 6 7 8

AUDIO SUB SIGNAL PATH

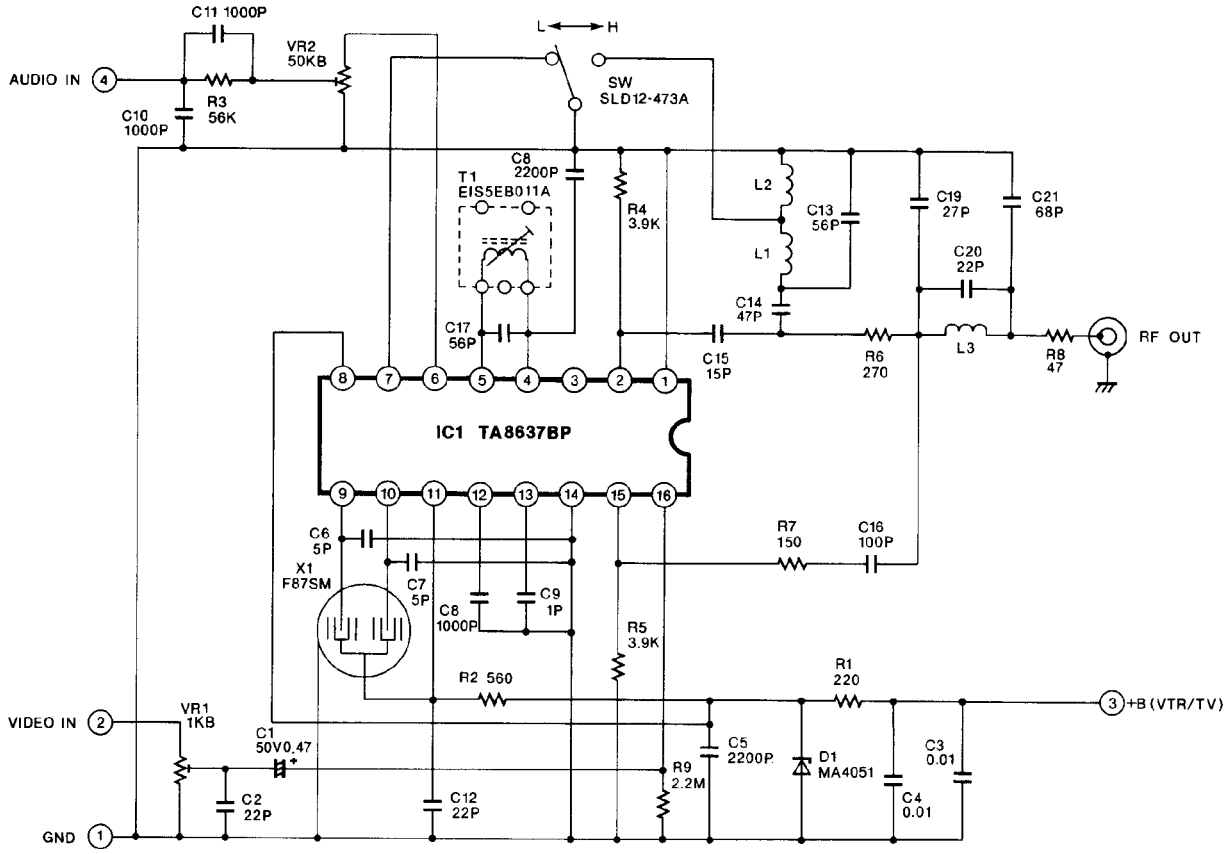


MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

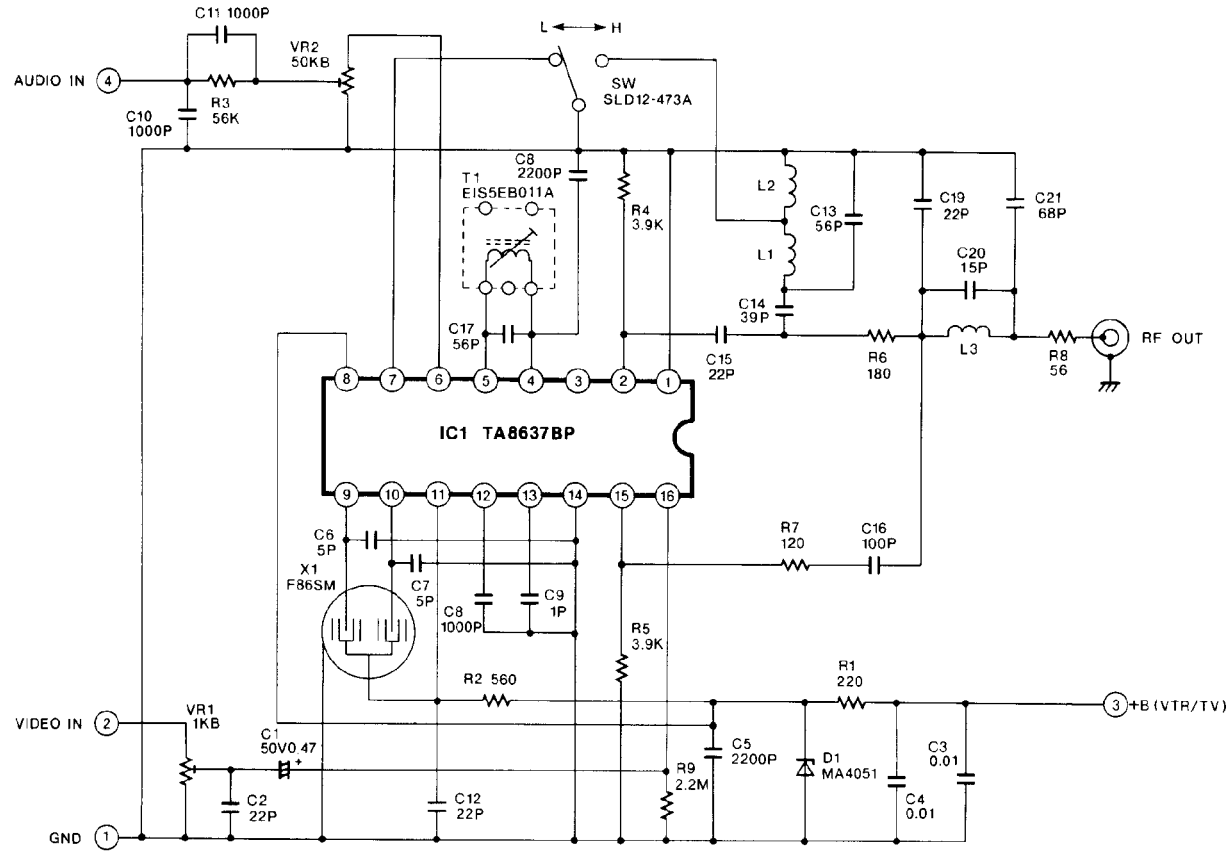
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

8 | 9 | 10 | 11

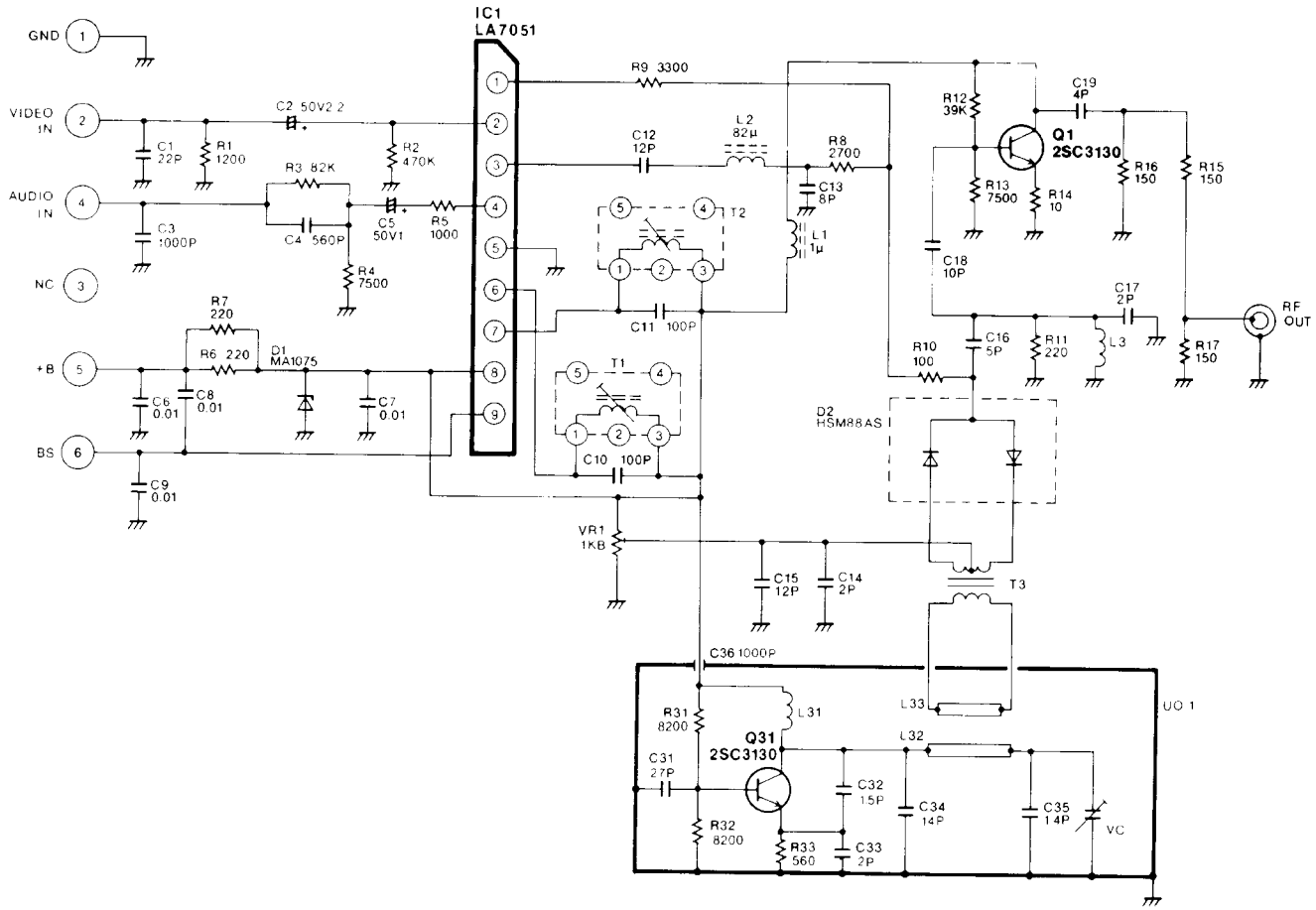
3-35. RF CONVERTER SCHEMATIC DIAGRAM (ENC17906: NV-F55A)



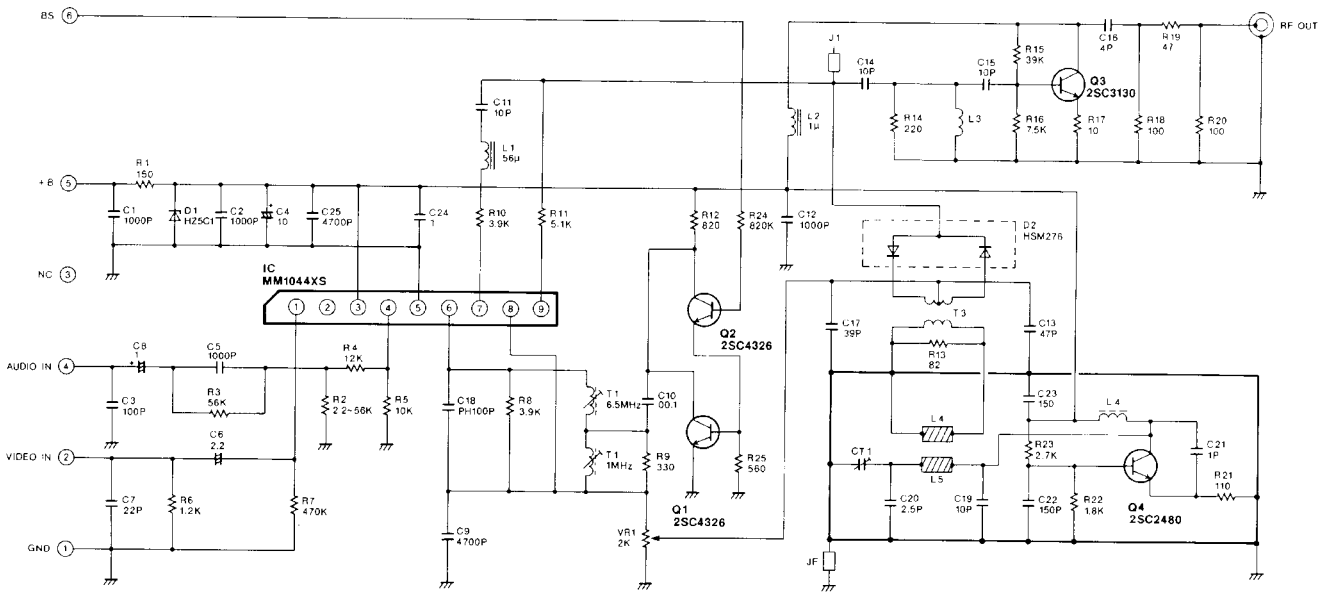
3-36. RF CONVERTER SCHEMATIC DIAGRAM (ENC17905: NV-F55EA)



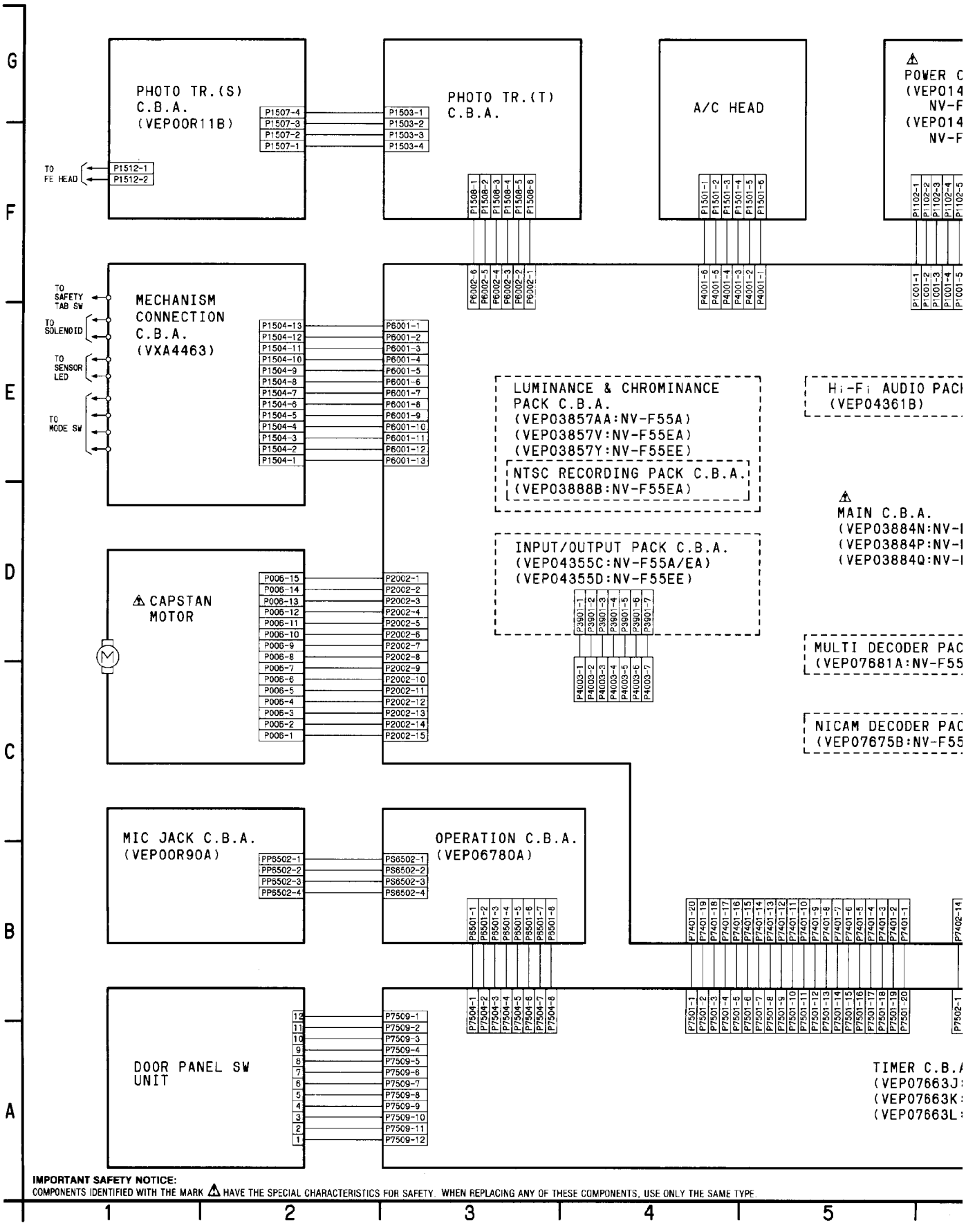
3-37. RF CONVERTER SCHEMATIC DIAGRAM (ENC17988: NV-F55EE)

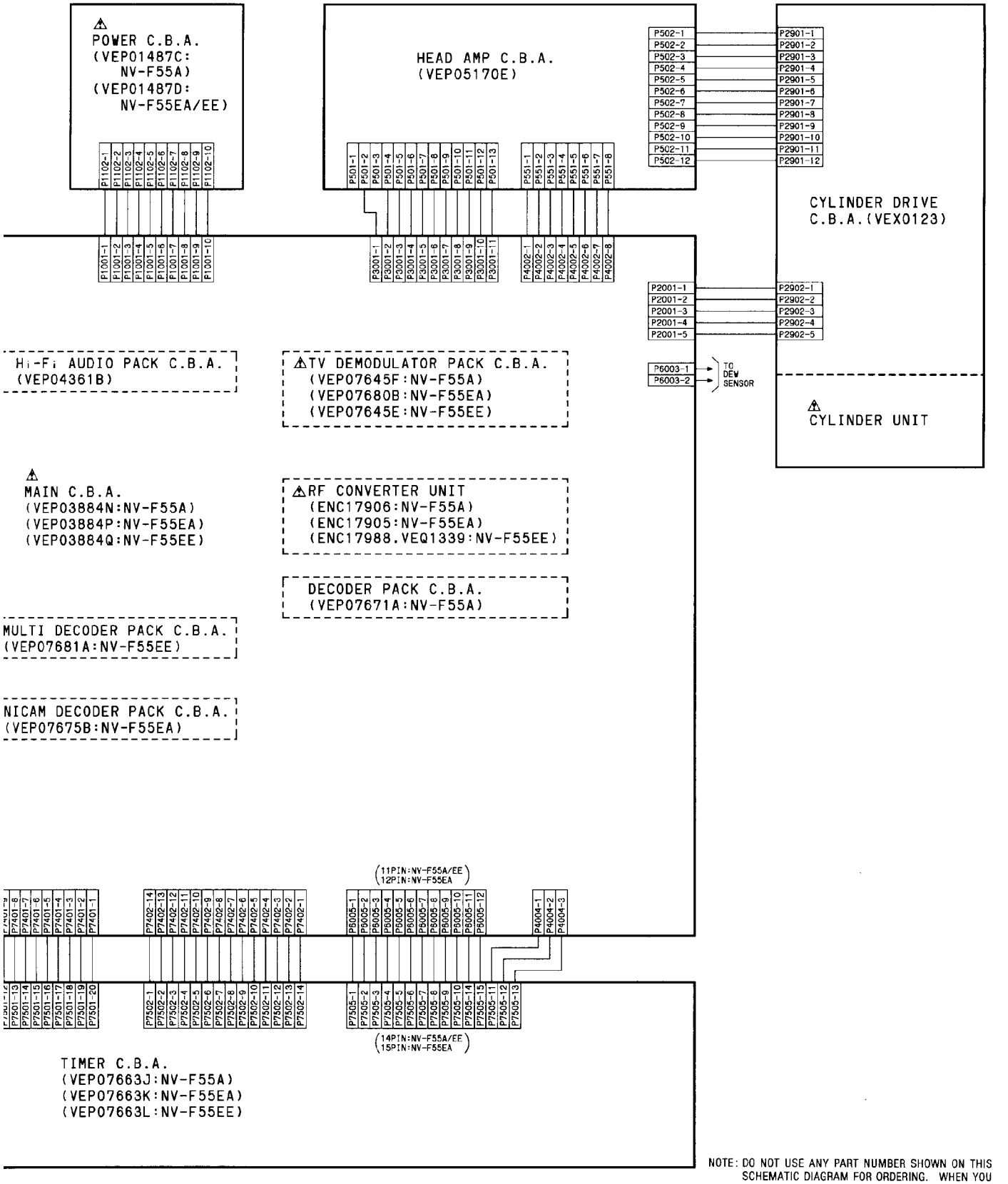


3-38. RF CONVERTER SCHEMATIC DIAGRAM (VEQ1339: NV-F55EE)



3-39. INTERCONNECTION SCHEMATIC DIAGRAM

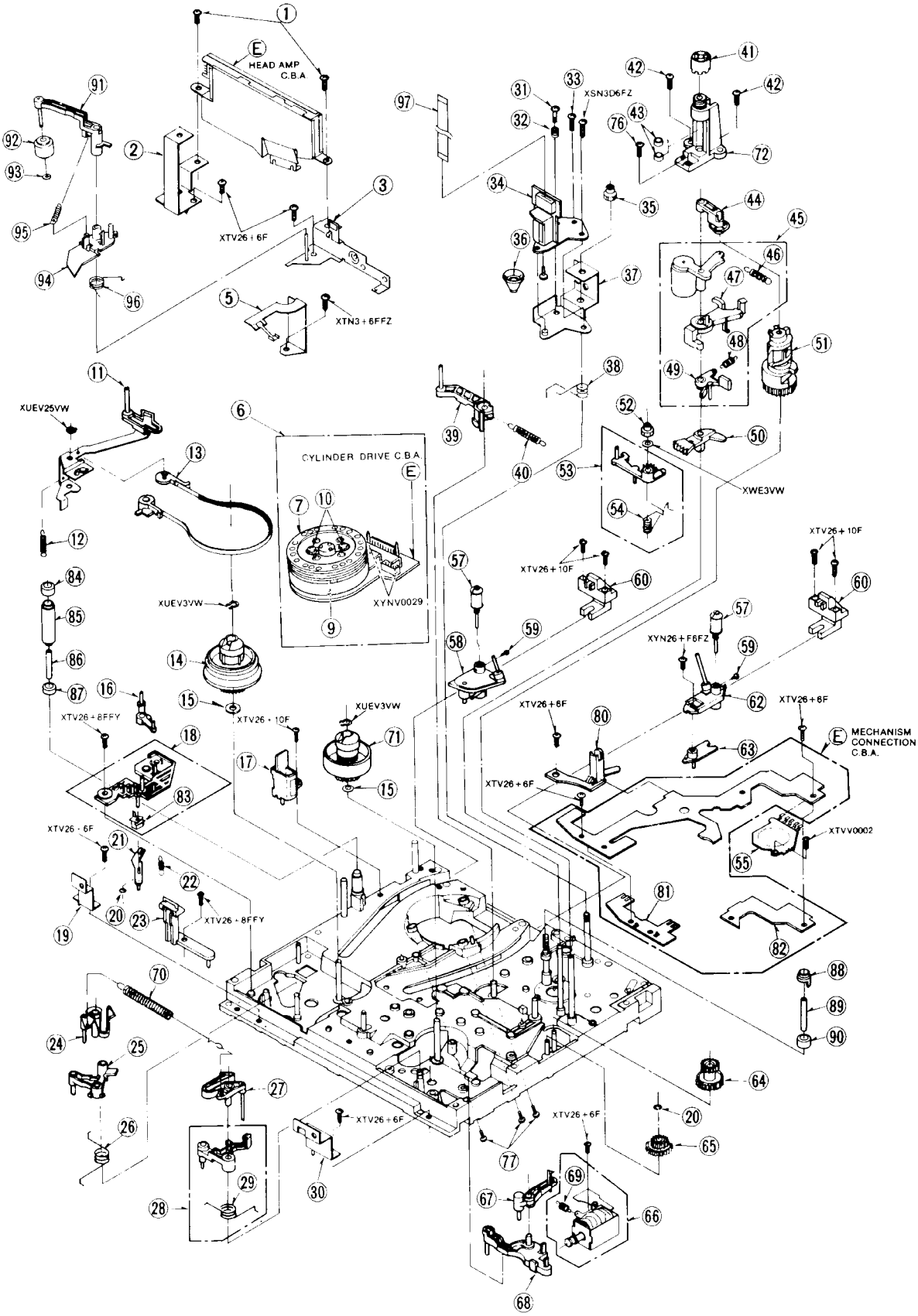




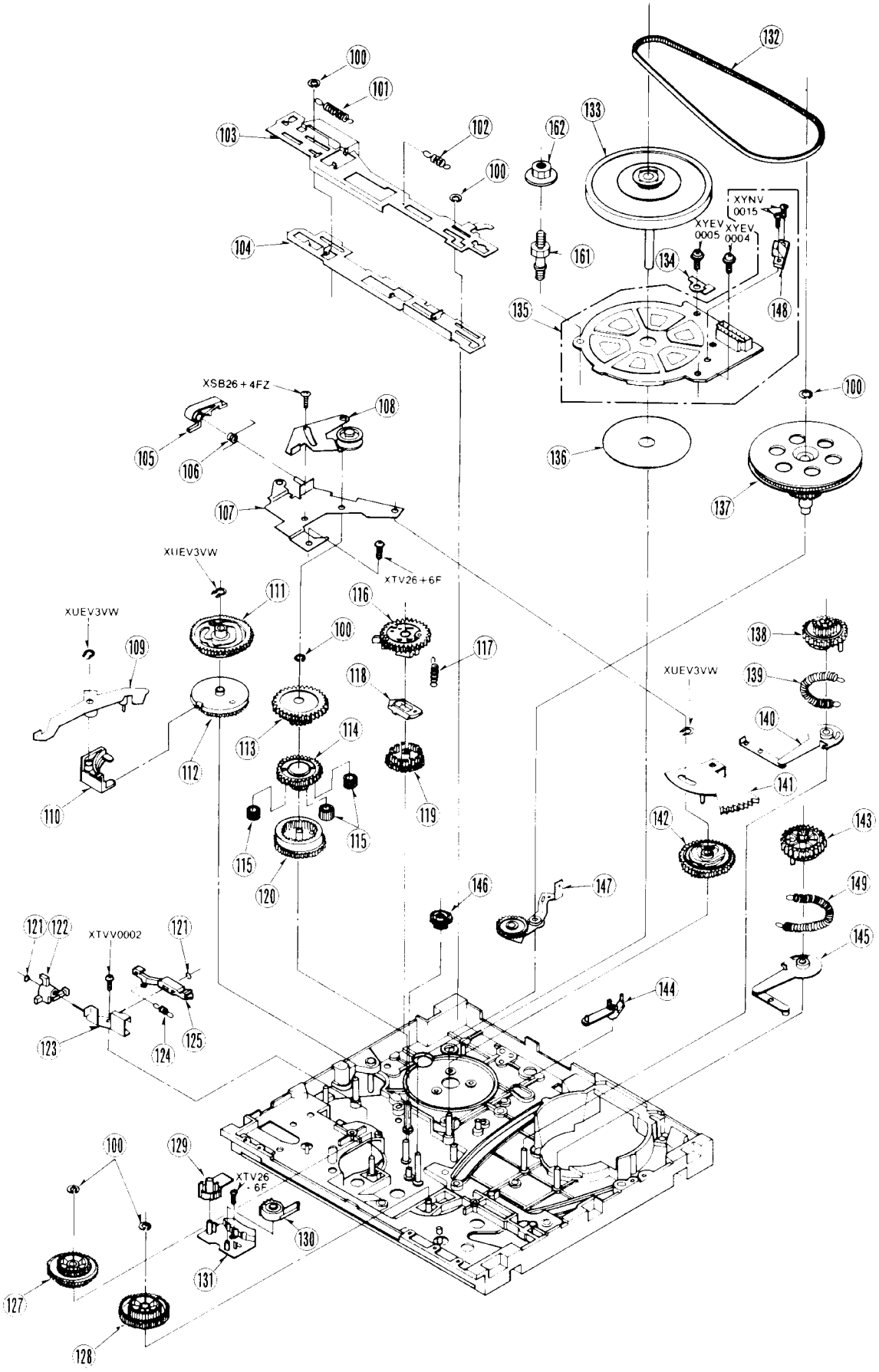
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

SECTION 4
EXPLODED VIEWS & PARTS LIST

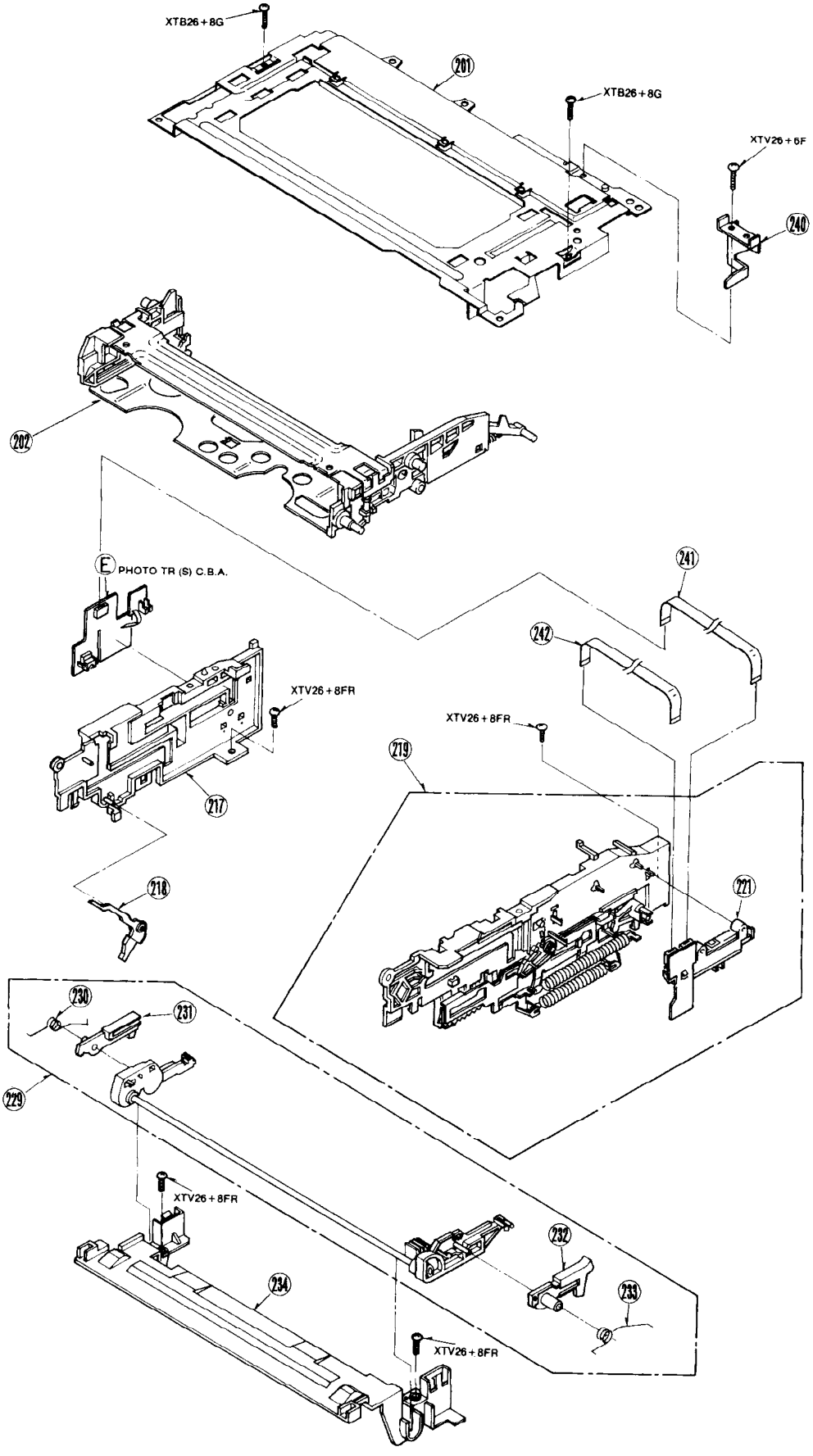
4-1. EXPLODED VIEW ❶ CHASSIS PARTS SECTION (1)



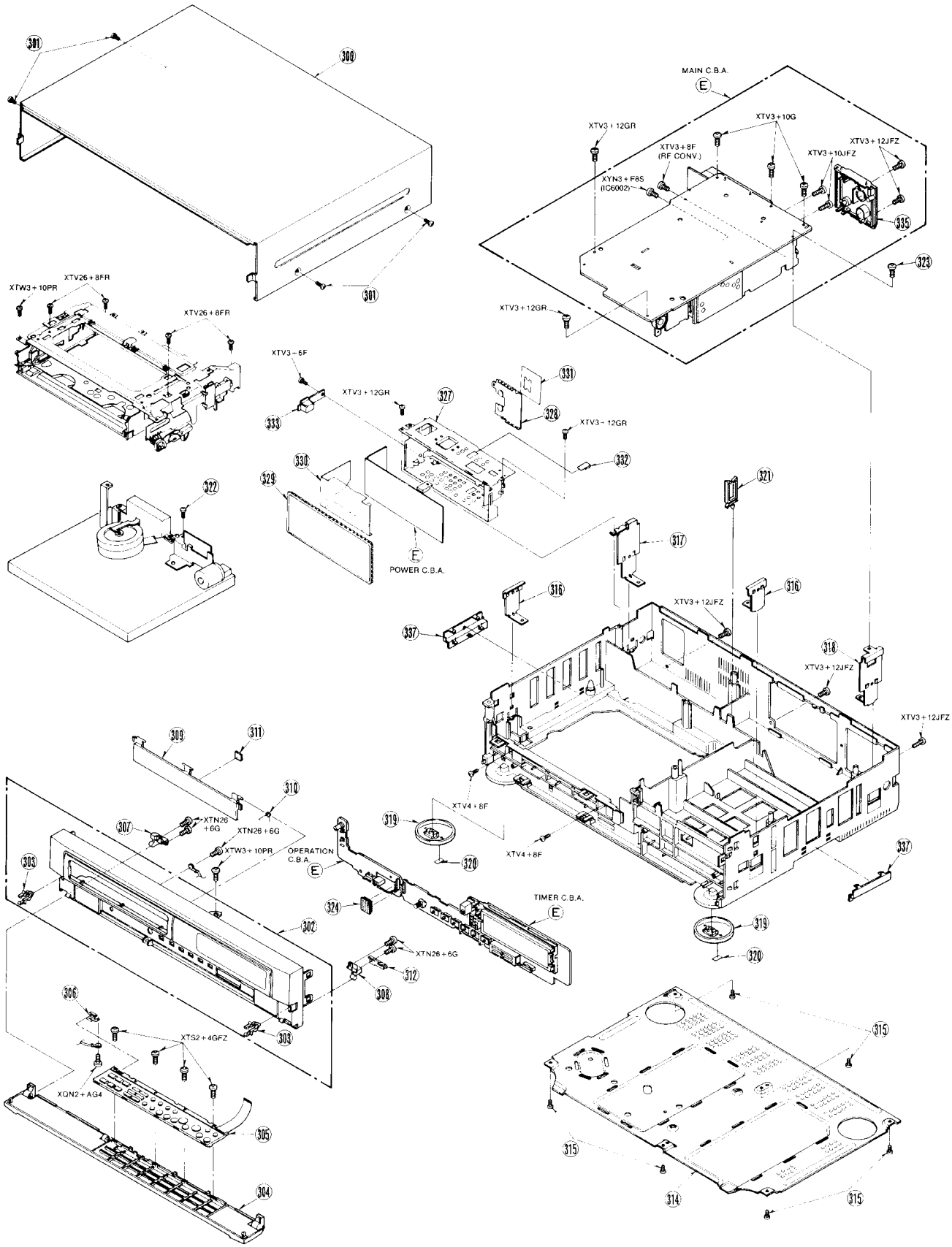
❷ CHASSIS PARTS SECTION (2)



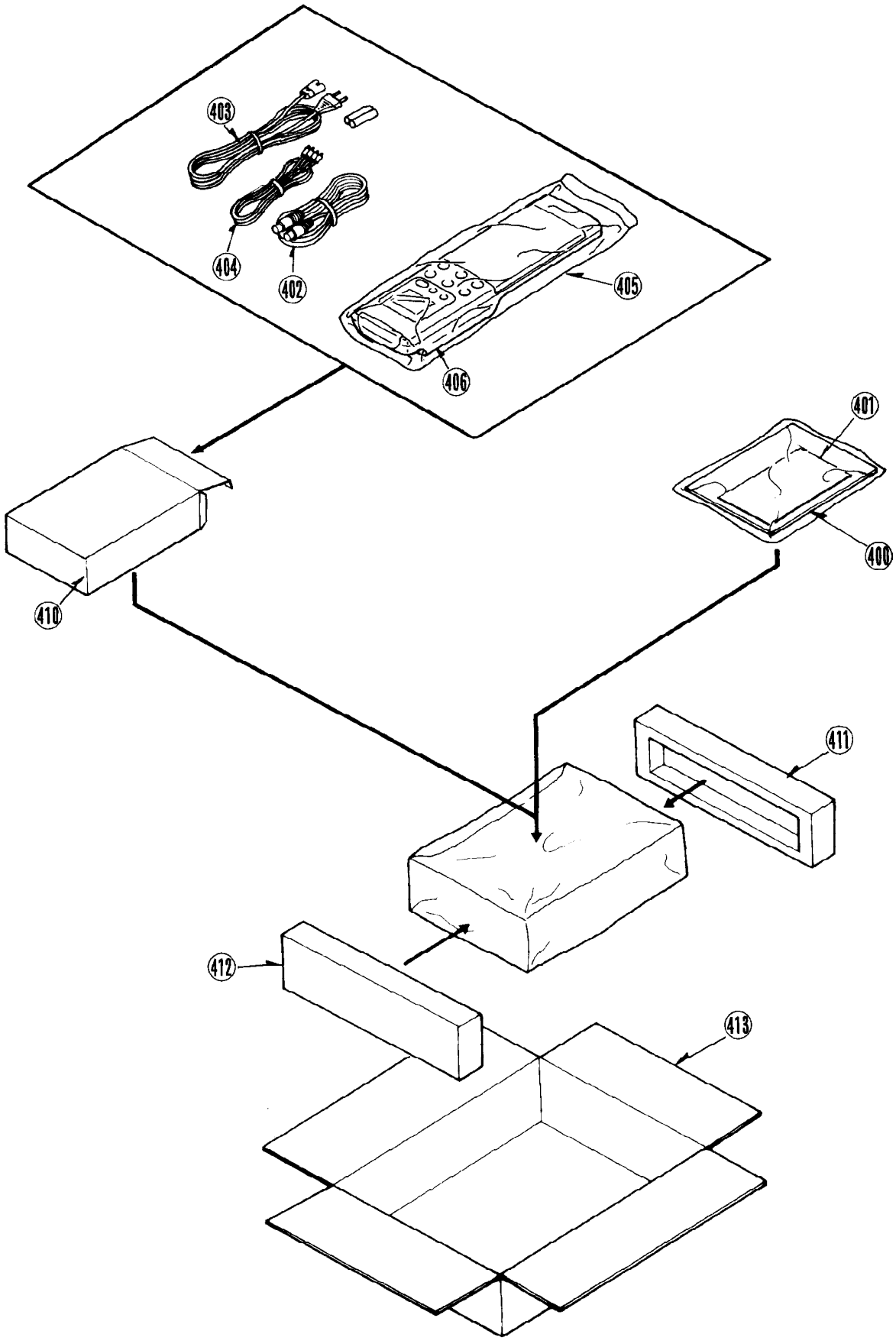
❸ CASSETTE UP MECHANISM SECTION



❹ CASING PARTS SECTION



❺ PACKING PARTS SECTION



4-2. MECHANICAL REPLACEMENT PARTS LIST

Note:1.* Be sure to make your orders of replacement parts according to this list.
2.IMPORTANT SAFETY NOTICE
Components identified with the mark <!> have the special characteristics for safety. When replacing any of these components,use only the same type.

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
1(1)		VHD0416	HEAD AMP SET SCREW	2	
2(1)		VMA6897	HEAD AMP MOUNT ANGLE (L)	1	
3(1)		VXA4545	HEAD AMP MOUNT ANGLE (R)	1	
			UNIT		
5(1)		VXA2702	EARTH PLATE UNIT	1	
6(1)		VEC0936	CYLINDER UNIT	1	<!>
7(1)		VEH0548	UPPER CYLINDER UNIT	1	<!>
9(1)		VSC2188	CYLINDER SHIELD PLATE	1	
10(1)		VHD0553	UPPER CYLINDER SET SCREW	2	
11(1)		VXL1495	TENSION ARM (1) UNIT	1	
12(1)		VMB1563	TENSION SPRING	1	
13(1)		VXZ0267	TENSION BAND UNIT	1	
14(1)		VXR0185	SUPPLY REEL TABLE UNIT	1	
15(1)		VMX1171	REEL WASHER (0.5mm)	2	
15(1)		VMX1239	REEL WASHER (0.3mm)	2	
15(1)		VMX1238	REEL WASHER (0.2mm)	2	
16(1)		VXL1496	TENSION RELEASE ARM(A)UNIT	1	
17(1)		VBS0038	FE HEAD	1	
18(1)		VXA2705	TENSION ARM BASE (1) UNIT	1	
19(1)		VMA6895	MOUNT ANGLE (L)	1	
20(1)		VMX1079	CUT WASHER	2	
21(1)		VXL1497	TENSION RELEASE ARM(B)UNIT	1	
22(1)		VMB1582	TENSION RELEASE SPRING	1	
23(1)		VES0489	SAFETY SW	1	
24(1)		VXZ0259	SUPPLY MAIN BRAKE UNIT	1	
25(1)		VXZ0274	SUPPLY SOFT BRAKE(1)UNIT	1	
26(1)		VMB1564	SUPPLY SOFT BRAKE SPRING	1	
27(1)		VXZ0262	TAKE UP MAIN BRAKE UNIT	1	
28(1)		VXZ0221	TAKE UP SOFT BRAKE UNIT	1	
29(1)		VMB1561	TAKE UP SOFT BRAKE SPRING	1	
30(1)		VMA6896	MOUNT ANGLE (R)	1	
31(1)		VHD0322	ADJUST SCREW	1	
32(1)		VMB1251	ADJUST SPRING	1	
33(1)		VHD0089B	AZIMUTH ADJUST SCREW	1	
34(1)		VED0160	A/C HEAD (1) UNIT	1	
35(1)		VHN0063	M4 NYLON NUT	1	
36(1)		VHN0110	ADJUST NUT	1	
37(1)		VMA7831	HEAD BASE	1	
38(1)		VMB1567	A/C HEAD SPRING	1	
39(1)		VXL1857	SUB LOADING ARM (1) UNIT	1	
40(1)		VMB1566	SUB POST SPRING	1	
41(1)		VXQ0006	THRUST SCREW UNIT	1	
42(1)		VHD0317	HOUSING SCREW	2	
43(1)		VMX1033	OIL SEAL	2	
44(1)		VMX1353	PINCH CAM CAP	1	
45(1)		VXL1858	PRESSURE ROLLER UNIT	1	
46(1)		VMB1941	PIN PRESSURE SPRING	1	
47(1)		VML2232	PINCH PRESSURE ARM	1	
48(1)		VMB1569	PINCH PRESSURE ARM RELEASE	1	
			SPRING		
49(1)		VML1874	PINCH LIFT ARM	1	
50(1)		VDG0597	P5 PULL OUT SECTOR GEAR	1	
51(1)		VDG0421	PINCH CAM	1	
52(1)		VHD0045	M3 NYLON NUT	1	
53(1)		VXL2027	P5 UNIT	1	
54(1)		VMB2718	P5 SPRING	1	
55(1)		VSS0175	MODE SW	1	
57(1)		VXP0863	ROLLER POST UNIT	2	
58(1)		VXA4106	INCLINED BASE (S)(1)UNIT	1	
59(1)		VHD0133	ROLLER POST SCREW	2	
60(1)		VMD0910	POST STOPPER	2	
62(1)		VXA3876	INCLINED BASE(T)(1)UNIT	1	
63(1)		VXA2687	INCLINED ADJUST PLATE UNIT	1	
64(1)		VDG0483	PINCH SPEED DOWN GEAR	1	
65(1)		VDG0664	CONNECTION GEAR	1	
66(1)		VXA3735	SOLENOID UNIT	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
67(1)		VXA2692	KICK ROD UNIT	1	
68(1)		VML1849	SOLENOID LEVER	1	
69(1)		VMB1553	KICK ROD SPRING	1	
70(1)		VMB2012	MAIN BRAKE SPRING	1	
71(1)		VXR0188	TAKE UP REEL TABLE UNIT	1	
72(1)		VXD0101	HOUSING UNIT	1	
76(1)		VHD0374	HOUSING SCREW	1	
77(1)		VHD0342	CYLINDER SCREW	3	
80(1)		VXA3520	LED HOLDER UNIT	1	
81(1)		VMA7829	REINFORCEMENT PLATE (F)	1	
82(1)		VMA8468	REINFORCEMENT PLATE (R)	1	
83(1)		VMB1733	LEAF SPRING	1	
84(1)		VMX1088	SUPPLY UPPER LIMITER	1	
85(1)		VDP1072	SUPPLY ROLLER	1	
86(1)		VMX1581	P1 COLLAR	1	
87(1)		VMX1533	SUPPLY ROLLER LIMITER	1	
88(1)		VMX1544	P4 UPPER LIMITER	1	
89(1)		VMX1568	P4 SLEEVE	1	
90(1)		VMX1534	P4 LOWER LIMITER	1	
91(1)		VXL2086	CLEANER ARM (2) UNIT	1	
92(1)		VXP1341	CLEANER ROLLER UNIT	1	
93(1)		VMX1061	SNAP WASHER A	1	
94(1)		VML2510	CLEANER ARM B	1	
95(1)		VMB2263	CLEANER ARM SPRING A	1	
96(1)		VMB2264	CLEANER ARM SPRING B	1	
97(1)		VWJ0506	FLEXIBLE CADE	1	P4001-P1501(5P)
100(2)		VMX1079	CUT WASHER	6	
101(2)		VMB1583	TAKE UP SOFT BRAKE RELEASE	1	
			ARM SPRING		
102(2)		VMB1560	MAIN LEVER SPRING	1	
103(2)		VXA3509	MAIN LEVER (1) UNIT	1	
104(2)		VMM0215	SUB LEVER	1	
105(2)		VXL2088	SS BRAKE ARM UNIT	1	
106(2)		VMB1588	SS BRAKE SPRING	1	
107(2)		VXA3512	SS BRAKE BASE (1) UNIT	1	
108(2)		VXA3516	TENSION ROLLER UNIT	1	
109(2)		VXL1632	CAM FOLLOWER ARM UNIT	1	
110(2)		VML1861	DETENT ARM	1	
111(2)		VDG0574	MAIN CAM GEAR	1	
112(2)		VDG0343	SUB CAM GEAR	1	
113(2)		VDG0348	CENTRE GEAR	1	
114(2)		VDG0422	RETAINER GEAR	1	
115(2)		VDG0345	PLANET GEAR	3	
116(2)		VDG0547	CLUTCH DISK	1	
117(2)		VMB1558	CLUTCH SPRING	1	
118(2)		VDG0350	LOCK SLIDE GEAR	1	
119(2)		VDG0335	DRIVE DISK	1	
120(2)		VDG0342	RING GEAR	1	
121(2)		VMX0967	CUT WASHER	2	
122(2)		VML1859	CHANGE LEVER	1	
123(2)		VXA2672	RELEASE LEVER (1) UNIT	1	
124(2)		VMB1557	RELEASE SPRING	1	
125(2)		VML1860	RELEASE LEVER	1	
127(2)		VXP1002	TAKE UP REEL GEAR UNIT	1	
128(2)		VXP0981	SUPPLY REEL GEAR UNIT	1	
129(2)		VML1858	RETURN LEVER (R)	1	
130(2)		VML1857	RETURN LEVER (L)	1	
131(2)		VMD0913	STOPPER BASE	1	
132(2)		VDV0169	TIMING BELT	1	
133(2)		VXP1113	ROTOR UNIT	1	
134(2)		VMA7941	ROTOR STOPPER	1	
135(2)		VEK4097	STATOR UNIT	1	<!>
136(2)		VMA6847	SUB PLATE	1	
137(2)		VXP0917	CENTRE PULLEY UNIT	1	
138(2)		VDG0564	LOADING GEAR (T)	1	
139(2)		VMB1555	LOADING SPRING (T)	1	
140(2)		VXL1489	LOADING ARM (T)(1) UNIT	1	
141(2)		VXA3515	SECTOR GEAR UNIT	1	
142(2)		VDG0448	LOADING CAM GEAR	1	
143(2)		VDG0419	LOADING GEAR (S)	1	
144(2)		VML1855	PLAY CONTROL ARM	1	
145(2)		VXL1487	LOADING ARM (S)(1) UNIT	1	
146(2)		VDG0546	INTERMEDIATE GEAR	1	
147(2)		VXL1861	PLAY ARM UNIT	1	
148(2)		VBK0048	FG HEAD	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
149(2)	VMB1746	LOADING SPRING(S)	1	
161(2)	VHD0431	STATOR SPACER SCREW	1	
162(2)	VHN0102	STATOR NUT	1	
201(3)	VMA7223	TOP PLATE UNIT	1	
202(3)	VXA3840	CASSETTE HOLDER UNIT	1	
217(3)	VMD1787	SIDE PLATE (L)	1	
218(3)	VML2615	OPENER LEVER	1	
219(3)	VXA4468	SIDE PLATE (R) UNIT	1	
221(3)	VXA4469	SLIDE SW UNIT	1	
229(3)	VXP0987	MAIN SHAFT UNIT	1	
230(3)	VMB1836	SUB WIPER SPRING (L)	1	
231(3)	VML1878	SUB WIPER ARM (L)	1	
232(3)	VML1879	SUB WIPER ARM (R)	1	
233(3)	VMB1837	SUB WIPER SPRING (R)	1	
234(3)	VMA6900	CASSETTE GUIDE	1	
240(3)	VMA7224	CASSETTE HOLDER ANGLE	1	
241(3)	VWJ040W270MM	FLEXIBLE CARD	1	P1503-P1507(4P)
242(3)	VWJ061W095MM	FLEXIBLE CARD	1	P6002-P1508(6P)
300(4)	VGM0697	TOP PANEL	1	
301(4)	VHD0165	TOP PANEL SCREW	4	
302(4)	VYP4023	FRONT PANEL UNIT	1	NV-F55A
302(4)	VYP4024	FRONT PANEL UNIT	1	NV-F55EA
302(4)	VYP4025	FRONT PANEL UNIT	1	NV-F55EE
303(4)	VGQ0550	DOOR LOCK PIECE	2	
304(4)	VYF1797	DOOR PANEL UNIT	1	
305(4)	VES0679	DOOR PANEL SW	1	NV-F55A/EA
305(4)	VES0658	DOOR PANEL SW	1	NV-F55EE
306(4)	VMC0801	DOOR EARTH SPRING	1	
307(4)	VGQ2630	DOOR HOLDER ANGLE (L)	1	
308(4)	VGQ2631	DOOR HOLDER ANGLE (R)	1	
309(4)	VKF1813	BLINDER PANEL	1	
310(4)	VMB2389	BLINDER SPRING	1	
311(4)	VMT0434	CUSHION RUBBER	1	
312(4)	VMC0868	DOOR SPRING	1	
314(4)	VKU0302	BOTTOM PLATE	1	
315(4)	VHD0059	BOTTOM PLATE SCREW	6	
316(4)	VMP3321	TOP HOLDER ANGLE (A)	2	
317(4)	VMP3322	TOP HOLDER ANGLE (B)	1	
318(4)	VMP3356	TOP HOLDER ANGLE (C)	1	
319(4)	VKA0137	LEG	2	
320(4)	VKA0122	FOOT	2	
321(4)	VJF0163	WIRE SADDLE	1	
322(4)	VHD0168	CHASSIS SCREW	1	
323(4)	VHD0418	MAIN SCREW	1	
324(4)	VJS3084A008	BRIDGE CONNECTOR	1	
327(4)	VXA3571	POWER SHIELD COVER (MAIN)	1	
328(4)	VXA4781	POWER SHIELD COVER (TOP)	1	
329(4)	VSC2237	POWER SHIELD COVER (BOTTOM)	1	
330(4)	VMZ1950	POWER BARRIER	1	
331(4)	VGH3025	NAME PLATE	1	
332(4)	VMC0357	IC HOLDER SPRING	1	
333(4)	VMP1734	SCREW STOPPER ANGLE	1	
334(4)	VHD0742	EARTH SCREW	1	
335(4)	VJH0620	ANT TERMINAL PLATE	1	NV-F55A
335(4)	VJH0621	ANT TERMINAL PLATE	1	NV-F55EA
335(4)	VJH0617	ANT TERMINAL PLATE	1	NV-F55EE
337(4)	VGQ2756	FTZ ANGLE HOLDER	2	
400(5)	VQT4571	OPERATING INSTRUCTIONS	1	<!>NV-F55A
		(ENGLISH)		
400(5)	VQT4572	OPERATING INSTRUCTIONS	1	<!>NV-F55EA
		(ENGLISH)		
400(5)	VQT4573	OPERATING INSTRUCTIONS	1	<!>NV-F55EE
		(ENGLISH/GERMAN)		
400(5)	VQT4574	OPERATING INSTRUCTIONS	1	<!>NV-F55EE
		(RUSSIAN/POLISH)		
401(5)	VQC1839	PROGRAMME SHEET	1	
402(5)	VJA0376	DIN RF CABLE	1	
403(5)	VJA0684	AC CORD	1	<!>NV-F55A/EA
403(5)	VJA0664	AC CORD	1	<!>NV-F55EE
404(5)	VJA0231	AUDIO CABLE	1	
405(5)	VEQ1362	REMOTE CONTROLLER	1	NV-F55A/EA
		(BUILD IN DIGITAL SCANNER)		
405(5)	VEQ1363	REMOTE CONTROLLER	1	NV-F55EE
		(BUILD IN DIGITAL SCANNER)		
406(5)	VKF1658	BATTERY COVER	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
410(5)	VPK0834	ACCESSORIES PACKING	1	
411(5)	VPN3304	CUSHION (R)	1	NV-F55A/EA
411(5)	VPN3306	CUSHION (R)	1	NV-F55EE
412(5)	VPN3303	CUSHION (L)	1	NV-F55A/EA
412(5)	VPN3305	CUSHION (L)	1	NV-F55EE
413(5)	VPG6379	PACKING	1	NV-F55A
413(5)	VPG6380	PACKING	1	NV-F55EA
413(5)	VPG6381	PACKING	1	NV-F55EE
		SERVICING FIXTURES		
	VEJ8125H3F	VHS-ALIGNMENT TAPE (PAL)	1	
	VFK0335	RETAINING RING REMOVER	1	
		(3mm/4mm)		
	VFK0387	TENSION POST ADJUSTMENT	1	
		PLATE		
	VFK0191	POST ADJUSTMENT PLATE	1	
	VFK0190	REEL TABLE HEIGHT GAUGE	1	
	VFK0328	H-POSITION ADJ.	1	
		SCREWDRIVER		
	VFK0329	POST ADJUSTMENT SCREWDRIVER	1	
	VFK52	FAN TYPE TENSION GAUGE	1	
	VFK0326	HEX WRENCH SET	1	
	VFK0132	BACK TENSION METER	1	
	VFK0343	CHECK LIGHT	1	
	VFK0344	HEIGHT ADJUSTMENT J1G	1	
	VFK27	HEAD CLEANING STICK	1	
	MOR265	MORLYTONE GREASE	1	
	VFK0680	WHITE GREASE	1	
	VFK0341	UPPER CYLINDER REMOVER	1	

4-3. ELECTRICAL REPLACEMENT PARTS LIST

Note:1.* Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE
Components identified with the mark <!> have the special characteristics for safety. When replacing any of these components,use only the same type.
3. Unless otherwise specified,
All resistors are in OHMS ,K=1,000 OHMS. All capacitors are in MICRO-FARADS(uf),P=uuF.
4. The P.C.Board units marked width"■"show below the main assembled parts.
5. Printed circuit board assembly with mark(NLA) is no longer available after discontinuation of the product.

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VEPO3884N	MAIN C.B.A.	1	(NLA) NV-F55A
					INCLUDING THE
					LUMINANCE &
					CHROMINANCE C.B.A.
					(VEPO3857AA),
					INPUT/OUTPUT C.B.A.
					(VEPO4355C),
					Hi-Fi AUDIO C.B.A.
					(VEPO4361B),
					TV DEMODULATOR C.B.A.
					(VEPO7645F),
					DECODER C.B.A.
					(VEPO7671A).
		VEPO3857AA	LUMINANCE & CHROMINANCE	1	(NLA) NV-F55A
			C.B.A.		INCLUDED IN MAIN
					C.B.A.(VEPO3884N).
		VEPO4355C	INPUT/OUTPUT C.B.A.	1	(NLA) NV-F55A
					INCLUDED IN MAIN
					C.B.A.(VEPO3884N).
		VEPO4361B	Hi-Fi AUDIO C.B.A.	1	(NLA) NV-F55A
					INCLUDED IN MAIN
					C.B.A.(VEPO3884N).
		VEPO7645F	TV DEMODULATOR C.B.A.	1	(NLA) NV-F55A
					INCLUDED IN MAIN
					C.B.A.(VEPO3884N).
		VEPO7671A	DECODER C.B.A.	1	(NLA) NV-F55A
					INCLUDED IN MAIN
					C.B.A.(VEPO3884N).
		VEPO3884P	MAIN C.B.A.	1	(NLA) NV-F55EA
					INCLUDING THE
					LUMINANCE &
					CHROMINANCE C.B.A.
					(VEPO3857V),
					INPUT/OUTPUT C.B.A.
					(VEPO4355C),
					Hi-Fi AUDIO C.B.A.
					(VEPO4361B),
					TV DEMODULATOR C.B.A.
					(VEPO7680B),
					NICAM DECODER C.B.A.
					(VEPO7675B).
		VEPO3857V	LUMINANCE & CHROMINANCE	1	(NLA) NV-F55EA
			C.B.A.		INCLUDED IN MAIN
					C.B.A.(VEPO3884P).
					INCLUDING THE NTSC
					REC C.B.A(VEPO3888B).
		VEPO3888B	NTSC REC C.B.A.	1	(NLA) NV-F55EA
					INCLUDED IN LUMINANCE
					& CHROMINANCE C.B.A.
					(VEPO3857V).
		VEPO4355C	INPUT/OUTPUT C.B.A.	1	(NLA) NV-F55EA
					INCLUDED IN MAIN
					C.B.A.(VEPO3884P).
		VEPO4361B	Hi-Fi AUDIO C.B.A.	1	(NLA) NV-F55EA

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
					INCLUDED IN MAIN
					C.B.A.(VEPO3884P).
		VEPO7680B	TV DEMODULATOR C.B.A.	1	(NLA) NV-F55EA
					INCLUDED IN MAIN
					C.B.A.(VEPO3884P).
		VEPO7675B	NICAM DECODER C.B.A.	1	(NLA) NV-F55EA
					INCLUDED IN MAIN
					C.B.A.(VEPO3884P).
		VEPO3884Q	MAIN C.B.A.	1	(NLA) NV-F55EE
					INCLUDING THE
					LUMINANCE &
					CHROMINANCE C.B.A.
					(VEPO3857Y),
					INPUT/OUTPUT C.B.A.
					(VEPO4355D),
					Hi-Fi AUDIO C.B.A.
					(VEPO4361B),
					TV DEMODULATOR C.B.
					(VEPO7645E),
					DECODER C.B.A.
					(VEPO7681A).
		VEPO3857Y	LUMINANCE & CHROMINANCE	1	(NLA) NV-F55EE
			C.B.A.		INCLUDED IN MAIN
					C.B.A.(VEPO3884Q).
		VEPO4355D	INPUT/OUTPUT C.B.A.	1	(NLA) NV-F55EE
					INCLUDED IN MAIN
					C.B.A.(VEPO3884Q).
		VEPO4361B	Fi-Fi AUDIO C.B.A.	1	(NLA) NV-F55EE
					INCLUDED IN MAIN
					C.B.A.(VEPO3884Q).
		VEPO7645E	TV DEMODULATOR C.B.A.	1	(NLA) NV-F55EE
					INCLUDED IN MAIN
					C.B.A.(VEPO3884Q).
		VEPO7681A	DECODER C.B.A.	1	(NLA) NV-F55EE
					INCLUDED IN MAIN
					C.B.A.(VEPO3884Q).
		VEPO5170E	HEAD AMP C.B.A.	1	(NLA)
		VEPO7663J	TIMER C.B.A.	1	(NLA) NV-F55A
		VEPO7663K	TIMER C.B.A.	1	(NLA) NV-F55EA
		VEPO7663L	TIMER C.B.A.	1	(NLA) NV-F55EE
		VEPO6780A	OPERATION C.B.A.	1	(NLA)
		VEPOOR90A	MIC C.B.A.	1	(NLA)
		VEPO1487C	POWER C.B.A.	1	(NLA)<!> NV-F55A
		VEPO1487D	POWER C.B.A.	1	(NLA)<!> NV-F55EA/EE
		VXA4463	MECHANISM CONNECTION C.B.A.	1	(NLA)
		VEPOOR11B	PHOTO Tr. (S) C.B.A.	1	(NLA)

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		----------	PHOTO Tr. (T) C.B.A.	1	(NLA)
		VEX0123	CYLINDER DRIVE C.B.A.	1	(NLA)
		ENC17906	RF CONVERTER	1	(NLA)<!> NV-F55A
		ENC17905	RF CONVERTER	1	(NLA)<!> NV-F55EA
		ENC17988	RF CONVERTER	1	(NLA)<!> NV-F55EE
		ENV77861H3	TUNER	1	(NLA)<!> NV-F55A
		ENV77860H3	TUNER	1	(NLA)<!> NV-F55EA
		ENV59827H3	TUNER	1	(NLA)<!> NV-F55EE
F1101		XBA2C16TBO	FUSE	1	(NLA)<!>
	■	VEP03884N	MAIN C.B.A.		(NLA) NV-F55A
			CAPACITORS		
C301		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C302		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C303		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C304,05		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C306		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C307		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C308		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C309		ECQV1H334JZ	P.CAPACITOR 50V 0.33U	1	
C310		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C311		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C312		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C313		ECEAOJK220	E.CAPACITOR 6.3V 22U	1	
C314		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C315		ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C316		ECEAOJK101	E.CAPACITOR 6.3V 100U	1	
C317		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C318		ECEAOJK101	E.CAPACITOR 6.3V 100U	1	
C319		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C320		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C321		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C324		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C325		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C701		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C702		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C703		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C705		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C706		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C707		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C708		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C709		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C710		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C717-20		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	4	
C721		ECEA1HKR27K	E.CAPACITOR 50V 0.27U	1	
C722		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C723		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C725		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C728		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C730		ECEA1CK100	E.CAPACITOR 16V 10U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C731		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C734		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C739		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C740		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C741		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C742		ECUM1H030CCN	C.CAPACITOR CH 50V 3P	1	
C743		ECUM1H270JSN	C.CAPACITOR CH 50V 27P	1	
C744		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C745		ECUM1H680JPN	C.CAPACITOR CH 50V 68P	1	
C746		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C747		ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C748		ECEA1CK330	E.CAPACITOR 16V 33U	1	
C777		ECUX1H180JCV	C.CAPACITOR CH 50V 18P	1	
C781		ECUM1H390JCN	C.CAPACITOR CH 50V 39P	1	
C782		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C801		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C802		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C803		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C804,05		ECEAOJK101	E.CAPACITOR 6.3V 100U	2	
C809,10		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C811		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C812,13		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C814		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C815		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C816		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C817		ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C819		ECEAOJFE221	E.CAPACITOR 6.3V 220U	1	
C820		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C821		ECUM1H821KBN	C.CAPACITOR CH 50V 820P	1	
C822		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C823		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C824		ECUM1C1052FN	C.CAPACITOR 16V 1U	1	
C825		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C827		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C829		ECEAOJK101	E.CAPACITOR 6.3V 100U	1	
C830		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C831		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C832		ECUM1H123KBN	C.CAPACITOR CH 50V 0.012U	1	
C833,34		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C835		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C836,37		ECUM1H1042FN	C.CAPACITOR 50V	2	
C838-42		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	5	
C843		ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C844		ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C845		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2001,02		ECEA1HKNR47	E.CAPACITOR 50V 0.47U	2	
C2003		ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C2004		ECA1EM222	E.CAPACITOR 25V	1	
C2005		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C2006		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C2007		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C2008-11		ECUM1H333KBN	C.CAPACITOR CH 50V 0.033U	4	
C2012,13		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	2	
C2014,15		ECUM1H333KBN	C.CAPACITOR CH 50V 0.033U	2	
C2016		ECAOJM221	E.CAPACITOR 6.3V 220U	1	
C2017		ECEAOJU470	E.CAPACITOR 6.3V 47U	1	
C3001		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C3004		ECUM1H1042FN	C.CAPACITOR 50V	1	
C3009		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3010		ECEAOJK330	E.CAPACITOR 6.3V 33U	1	
C3011,12		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3013		ECEAOJK101	E.CAPACITOR 6.3V 100U	1	
C3014		ECEA1CKS470	E.CAPACITOR 16V 47U	1	
C3015		ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C3018		ECAOJM102	E.CAPACITOR 6.3V 1000U	1	
C3020		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3021		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3022		ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C3023		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3025		ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
C3027		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3030		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3031		ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C3032		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3033		ECUM1H080DCN	C.CAPACITOR CH 50V 8P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C3034		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3035		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3037		ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C3038		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3039		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3040		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3041		ECUM1H681JCN	CAPACITOR 50V	1	
C3042		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3043		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3044		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3046		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3047		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3048,49		ECUM1H104ZFN	C.CAPACITOR 50V	2	
C3050		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3053		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3101		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3102		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3103,04		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	2	
C3105		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3916,17		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C3918		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3919		ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C4002,03		ECUM1H104ZFN	C.CAPACITOR 50V	2	
C4004		ECEA1CPZ470	E.CAPACITOR 16V 47U	1	
C4005		ECUM1C224ZFN	C.CAPACITOR 16V 0.22U	1	
C4006		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4007		ECEA1CPZ470	E.CAPACITOR 16V 47U	1	
C4008		ECUM1C224ZFN	C.CAPACITOR 16V 0.22U	1	
C4009		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4010,11		ECEA0JPK470	E.CAPACITOR 6.3V 47U	2	
C4012		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4013		ECQP1222JZ	P.CAPACITOR 0.0022U	1	
C4014		ECCD2H331J	C.CAPACITOR 500V 330P	1	
C4015		ECQB1H102J	P.CAPACITOR 50V 1000P	1	
C4016		ECEA16M33	E.CAPACITOR 16V 33U	1	
C4017,18		ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	2	
C4020		ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4021		ECUM1H683ZFN	C.CAPACITOR CH 50V 0.068U	1	
C4022		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4023		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C4024		VCEA1HAC3R3	E.CAPACITOR 50V 3.3U	1	
C4030		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C4031		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C4150		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4502		ECUM1C104ZFN	C.CAPACITOR CH 16V 0.1U	1	
C4503		ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4504,05		ECEA1CPZ470	E.CAPACITOR 16V 47U	2	
C4506		VCEA1CAH100	E.CAPACITOR 16V 10U	1	
C4507		ECQB1H223JA	P.CAPACITOR 50V 0.022U	1	
C4508		ECEA1EBZ4R7	E.CAPACITOR 25V 4.7U	1	
C4509		ECEA1APZ470	E.CAPACITOR 10V 47U	1	
C4510		ECQB1H103JA	P.CAPACITOR 50V 0.01U	1	
C4511		ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4512		ECUX1H561JV	C.CAPACITOR CH 50V 560P	1	
C4513		ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4514		ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4515		VCEA1EAH4R7	E.CAPACITOR 25V 4.7U	1	
C4517		ECEA1APZ101	E.CAPACITOR 10V 100U	1	
C4518		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C4521		ECUM1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C4522		VCEA1HAH3R3	E.CAPACITOR 50V 3.3U	1	
C4528		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C4530		ECEA0JPK470	E.CAPACITOR 6.3V 47U	1	
C4533		ECEA1CPZ330	E.CAPACITOR 16V 33U	1	
C4537		ECUM1H102JCN	C.CAPACITOR CH 50V 1000P	1	
C4538		ECEA1HUOR1	E.CAPACITOR 50V 0.1U	1	
C4539		ECUM1C224ZFN	C.CAPACITOR 16V 0.22U	1	
C4541		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C4545		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4552		ECUM1C104ZFN	C.CAPACITOR CH 16V 0.1U	1	
C4556		VCEA1CAH100	E.CAPACITOR 16V 10U	1	
C4557		ECQB1H223JA	P.CAPACITOR 50V 0.022U	1	
C4558		ECEA1EBZ4R7	E.CAPACITOR 25V 4.7U	1	
C4559		ECEA1APZ470	E.CAPACITOR 10V 47U	1	
C4560		ECQB1H103JA	P.CAPACITOR 50V 0.01U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C4561		ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4562		ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4563		ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4564		ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4565		VCEA1EAH4R7	E.CAPACITOR 25V 4.7U	1	
C4567		ECEA1APZ101	E.CAPACITOR 10V 100U	1	
C4568		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C4572		VCEA1HAH3R3	E.CAPACITOR 50V 3.3U	1	
C4576		ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C4583		ECEA1CPZ330	E.CAPACITOR 16V 33U	1	
C4585,86		ECEA1APZ101	E.CAPACITOR 10V 100U	2	
C4591		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C4592		ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4604		ECUM1H182JN	C.CAPACITOR CH 50V 1800P	1	
C4606		VCEA0JAC470	E.CAPACITOR 6.3V 47U	1	
C4611		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C4613		ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C4616		ECUX1H1022FV	C.CAPACITOR CH 50V 1000P	1	
C4617		ECEA10M22	E.CAPACITOR 10V 22U	1	
C4618		ECQB1H822JH	P.CAPACITOR 50V 8200P	1	
C4619		ECEA1APB100	E.CAPACITOR 10V 10U	1	
C4621		ECEA0JPK101	E.CAPACITOR 6.3V 100U	1	
C4629		ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C4636		ECUM1H471JN	C.CAPACITOR CH 50V 470P	1	
C4638		ECQB1H822JH	P.CAPACITOR 50V 8200P	1	
C4651		ECQB1H333JA	P.CAPACITOR 50V 0.033U	1	
C4652,53		ECUM1C105ZFN	C.CAPACITOR 16V 1U	2	
C5001		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5002		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C5003		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C5004		ECA0JM331	E.CAPACITOR 6.3V 330U	1	
C5005		ECA1FM470	E.CAPACITOR 25V	1	
C5008		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C5009		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C5010		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C5011		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C5012		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5013,14		ECUM1H271JCN	C.CAPACITOR CH 50V 270P	2	
C5015		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5017		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C5018		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C5019		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C5020		ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C5021		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C5022		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5023		ECQB1H103JH	P.CAPACITOR 50V 0.01U	1	
C5024		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C5025		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5026		ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C5027		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C5028		ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C5029		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C5030		ECEA1HKN3R3	E.CAPACITOR 50V 3.3U	1	
C5031		ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C5034		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C5035		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C5037		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C5038		ECUM1H471JN	C.CAPACITOR CH 50V 470P	1	
C5039		VCYE1C104MR1	S.CAPACITOR 16V 0.1U	1	
C5040		ECUM1H392KBN	C.CAPACITOR CH 50V 3900P	1	
C5041		ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C5042		ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C5043		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C5044		ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C5045		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C5046		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C5047		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C5048		ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C5049		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C5050		ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C5051		ECQV1H184JZ	P.CAPACITOR 50V 0.18U	1	
C5052		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C5054		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C5055		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C5056		ECEA1AK470	E.CAPACITOR 10V 47U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C6058		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6059		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C6060		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6062		ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C6065		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C6066		ECA1JM330	E.CAPACITOR 63V	1	
C7003-05		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C7006		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7007		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7008		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7013		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C7014		EECS5R5T224N	E.CAPACITOR 5.5V 0.22U	1	
C7018		ECEA0JKS101	E.CAPACITOR 6.3V 100U	1	
C7019		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7020,21		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7302		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7303		ECQV1H393JZ	P.CAPACITOR 50V 0.039U	1	
C7304		ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7305		ECQV1H473JZ	P.CAPACITOR 50V 0.047U	1	
C7306		ECQB1H102KZ	P.CAPACITOR 50V 1000P	1	
C7307		ECQB1H822KZ	P.CAPACITOR 50V 8200P	1	
C7308		ECQB1H102KZ	P.CAPACITOR 50V 1000P	1	
C7309		ECQB1H152JH	P.CAPACITOR 50V 1500P	1	
C7310		ECEA16M10	E.CAPACITOR 16V	1	
C7311		ECEA50MR47	E.CAPACITOR	1	
C7312		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7313		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7314		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7315		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7316		ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7317		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C7318		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7319		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7320,21		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C7323,24		ECQV1H393JZ	P.CAPACITOR 50V 0.039U	2	
C7331		ECQV1H474JZ	P.CAPACITOR 50V 0.47U	1	
C7332,33		ECUM1H102ZFN	C.CAPACITOR CH 50V 1000P	2	
C7334		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7335		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7336		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7337		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C7339		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7340		ECUM1H390JFN	C.CAPACITOR CH 50V 39P	1	
C7341		ECUM1H070DCN	C.CAPACITOR CH 50V 7P	1	
C7342		ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C7343		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7345		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7346		ECUM1H390JFN	C.CAPACITOR CH 50V 39P	1	
C7347		ECUM1H070DCN	C.CAPACITOR CH 50V 7P	1	
C7348		ECQV1H393JZ	P.CAPACITOR 50V 0.039U	1	
C7349,50		ECUM1H221JCN	C.CAPACITOR CH 50V 220P	2	
C7351,52		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7353		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7661		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7662		ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C7663		ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C7664		ECQB1H273JH	P.CAPACITOR 50V 0.027U	1	
C7665,66		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7667		ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7670,71		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7673		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7675		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C7676,77		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7678		ECEA1CK100	E.CAPACITOR 16V 10U	1	
			DIODES		
D301		MA4091	DIODE	1	
D305		1SS254	DIODE	1	
D710		MA3100L	DIODE	1	
D773		MA151K	DIODE	1	
D801		MA723VT	DIODE	1	(VT)
D803		1SS254	DIODE	1	
D804		MA723VT	DIODE	1	(VT)
D806		1SS254	DIODE	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
D2001-04		1SS254	DIODE	4	
D2005		ERA15-01	DIODE	1	
D2006		AK04	DIODE	1	
D2007		MA151K	DIODE	1	
D2009,10		MA723VT	DIODE	2	(VT)
D2011,12		1SS254	DIODE	2	
D2013		MA73	DIODE	1	
D3001		MA151WA	DIODE	1	
D3003,04		1SS254	DIODE	2	
D3006		11EQS04	DIODE	1	
D3010-12		1SS254	DIODE	3	
D3013		MA151K	DIODE	1	
D3101		1SS254	DIODE	1	
D4003		MA73	DIODE	1	
D4004		1SS254	DIODE	1	
D4005		MA73	DIODE	1	
D4050,51		MA73	DIODE	2	
D4052		ERJ6GM20R00	M.RESISTOR CH 1/10W 0	1	
D4501-04		MA151K	DIODE	4	
D4602		MA151K	DIODE	1	
D6002-05		1SS254	DIODE	4	
D6006		SV03YS	DIODE	1	
D6009		MA723VT	DIODE	1	(VT)
D6011-14		1SS254	DIODE	4	
D6015		MA151WA	DIODE	1	
D6016		1SS254	DIODE	1	
D7001,02		MA723VT	DIODE	2	(VT)
D7005		1SS254	DIODE	1	
D7006		MA723VT	DIODE	1	(VT)
D7303		MA28WA	DIODE	1	
D7304		MA3100L	DIODE	1	
D7601		MA151A	DIODE	1	
D7602		MA3082M	DIODE	1	
			DELAY		
DL802		EFDWF124A13A	DELAY	1	
			SFILTERS		
FL301		VLF0727	FILTER	1	
FL801		ELB4H060	FILTER	1	
FL4501		VLF0947	FILTER	1	
			INTEGRATED CIRCUITS		
IC301		MSM6965-3RS	IC	1	
IC302		VEFH14D	IC	1	
IC701		M51366SP	IC	1	
IC801		M52063SP	IC	1	
IC802		M52065FP	IC	1	
IC2001		UPC358G2	IC	1	
IC2002		XRA6435S	IC	1	
IC3101		BA7004	IC	1	
IC3902		BA7604N	IC	1	
IC4001		RC4558D	IC	1	
IC4501		BH7770KS	IC	1	
IC4601		BA7755AF	IC	1	
IC6001		MN67431VREH	IC	1	
IC6002		SI-3090CA	IC	1	
IC6003		UPC358G2	IC	1	
IC6004		PST591D	IC	1	
IC7001		M66006FP	IC	1	
IC7301		TDA3803A	IC	1	
IC7302		TA8721SN	IC	1	
IC7652		AN5043	IC	1	
			CONNECTORS		
J3901		VEJ1221		1	
			COILS		
L301-04		ELESQ101KA	COIL 100UH	4	
L305		ELESP560KA	COIL 56UH	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
L306		ELESP680KA	COIL 68UH	1	
L701		ELESP680KA	COIL 68UH	1	
L711		VLQ0305JR47	COIL 0.47UH	1	
L713		VLQ0305JR56	COIL 0.56UH	1	
L714		VLQ0305J1R2	COIL 1.2UH	1	
L715		VLQ0213K330	COIL 33UH	1	
L717,18		ELESP680KA	COIL 68UH	2	
L719		ELESP120KA	COIL 12UH	1	
L720		ELESP680KA	COIL 68UH	1	
L781		ELESP680KA	COIL 68UH	1	
L801		ELESP560JA	COIL 56UH	1	
L802		ELESP270KA	COIL 27UH	1	
L803		ELESQ101KA	COIL 100UH	1	
L804		VLQ0188K150	COIL 15UH	1	
L807		VLQ0188K150	COIL 15UH	1	
L808		ELESQ101KA	COIL 100UH	1	
L809		VLQ0188K101	COIL 100UH	1	
L810-12		ELESQ101KA	COIL 100UH	3	
L2001		ELESP102KA	COIL 1MH	1	
L2002,03		VLP0083	FILTER	2	
L3001		ELESQ101KA	COIL 100UH	1	
L3004		ELESQ101KA	COIL 100UH	1	
L3009		ELESP820KA	COIL 82UH	1	
L3011		ELESP151KA	COIL 150UH	1	
L3012		ELESP270KA	COIL 27UH	1	
L3013		ELESQ101KA	COIL 100UH	1	
L3015		ELESP6R8JA	COIL 6.8UH	1	
L3016		ELESP5R6JA	6COIL 5.6UH	1	
L3017		ELESQ101KA	COIL 100UH	1	
L3018		ELESP120KA	COIL 12UH	1	
L3019		ELESQ101KA	6COIL 100UH	1	
L3101		ELESQ101KA	6COIL 100UH	1	
L3905		ELESQ101KA	6COIL 100UH	1	
L4001,02		ELESQ101KA	6COIL 100UH	2	
L4003		ELESP471KA	6COIL 470UH	1	
L4501,02		ELESQ101KA	6COIL 100UH	2	
L4601		VLQEL07F153J	COIL 15MH	1	
L6003		ELESQ101KA	6COIL 100UH	1	
L6004		VLP0074	COIL	1	
L7001,02		ELESP1R0KA	6COIL 1UH	2	
L7003-05		ELESQ101KA	6COIL 100UH	3	
L7006		VLP0085	FILTER	1	
L7007		ELESQ101KA	6COIL 100UH	1	
L7301		ELESP102KA	6COIL 1MH	1	
			CONNECTORS		
P201		VJS1232T	CONNECTOR (FEMALE)	1	
P501		VJF0171T	CONNECTOR	1	
P551		VJS1235T	CONNECTOR (FEMALE)	1	
P1001		VJP1237T	CONNECTOR (MALE) 10P	1	
P1001		VJS1237T	CONNECTOR (FEMALE)	1	
P1101		VJS1237T	CONNECTOR (FEMALE)	1	
P2001		VJP1232T	CONNECTOR (MALE) 5P	1	
P2001		VJS1232T	CONNECTOR (FEMALE)	1	
P2002		VJS3193A015A	CONNECTOR (FEMALE)	1	
P3001		VJP1251T	CONNECTOR (MALE) 11P	1	
P3001		VJS1238T	CONNECTOR (FEMALE)	1	
P3901		VJP1247T	CONNECTOR (MALE) 7P	1	
P3901		VJS1234T	CONNECTOR (FEMALE)	1	
P4001		VJS2331	CONNECTOR (FEMALE)	1	
P4002		VJP1235T	CONNECTOR (MALE) 8P	1	
P4002		VJS1235T	CONNECTOR (FEMALE)	1	
P4003		VJP1234T	CONNECTOR (MALE) 7P	1	
P4003		VJS1234T	CONNECTOR (FEMALE)	1	
P4004		VJP1230T	CONNECTOR (MALE) 3P	1	
P4004		VJS1230T	CONNECTOR (FEMALE)	1	
P6001		VJS3193A013A	CONNECTOR (FEMALE)	1	
P6002		VJS3147	CONNECTOR (FEMALE)	1	
P6003		VJP1242T	CONNECTOR (MALE) 2P	1	
P6005		VJP1511T	CONNECTOR (MALE)	1	
P6005		VJS1238T	CONNECTOR (FEMALE)	1	
P7401		VJS3193A020A	CONNECTOR (FEMALE)	1	
P7402		VJS3193A014A	CONNECTOR (FEMALE)	1	
P7505		VJS1931T	CONNECTOR (FEMALE)	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
PP3005		VJP3042A016W	CONNECTOR (MALE)	1	
PP3006		VJP3042A012W	CONNECTOR (MALE)	1	
PP7401-03		VJP3043A005W	CONNECTOR (MALE)	3	
PP7404		VJP3043A006W	CONNECTOR (MALE)	1	
PP7405		VJP3043A004W	CONNECTOR (MALE)	1	
PS701-03		VJS3043B005W	CONNECTOR (FEMALE)	3	
PS704		VJS3043B006W	CONNECTOR (FEMALE)	1	
PS3951		VJS3042B016W	CONNECTOR (FEMALE)	1	
PS3952		VJS3042F012W	CONNECTOR (FEMALE)	1	
PS4001		VJP3186A018	CONNECTOR (MALE)	1	
PS4001		VJS3186B018	CONNECTOR (FEMALE)	1	
PS4002		VJP3186A018	CONNECTOR (MALE)	1	
PS4002		VJS3186B018	CONNECTOR (FEMALE)	1	
PS4003		VJP3186A018	CONNECTOR (MALE)	1	
PS4003		VJS3186B018	CONNECTOR (FEMALE)	1	
PS7301,02		VJR0477	PACK PIN	2	
			TRANSISTORS		
Q301		MSC2295	TRANSISTOR	1	
Q303		MSB709	TRANSISTOR	1	
Q703		2SD601-S	TRANSISTOR	1	(S,T)
Q712		2SD638	TRANSISTOR	1	
Q771		2SD601-S	TRANSISTOR	1	(S,T)
Q803		MSD601	TRANSISTOR	1	
Q805		MSD601	TRANSISTOR	1	
Q3001		MSD601	TRANSISTOR	1	
Q3003		MSB710-R	TRANSISTOR	1	
Q3004		2SB1320	TRANSISTOR	1	
Q3006		MSD601	TRANSISTOR	1	
Q3008		MSC2295	TRANSISTOR	1	
Q3009		MSB709	TRANSISTOR	1	
Q3010,11		MSC2295	TRANSISTOR	2	
Q3013		MSD601	TRANSISTOR	1	
Q3014		MSB709	TRANSISTOR	1	
Q3101		2SC3311-S	TRANSISTOR	1	
Q4001		MSB710-R	TRANSISTOR	1	
Q4003		2SD602A-R	TRANSISTOR	1	
Q4501		2SD655	TRANSISTOR	1	
Q4551		2SB561	TRANSISTOR	1	
Q4601		MSD1328	TRANSISTOR	1	
Q6001		MSD602	TRANSISTOR	1	
Q6002-04		2SD1994-S	TRANSISTOR	3	(S)
Q6005		MSD601	TRANSISTOR	1	
Q6007		MSB709	TRANSISTOR	1	
Q6008		2SD1996	TRANSISTOR	1	
Q6009		2SB1378-R	TRANSISTOR	1	
Q6010,11		MSB710-R	TRANSISTOR	2	
Q6012		2SB1321-R	TRANSISTOR	1	
Q6013,14		MSD601	TRANSISTOR	2	
Q7301		MSD601-ST	TRANSISTOR	1	
Q7304,05		MSD601	TRANSISTOR	2	
Q7306		2SC2404-C	TRANSISTOR CHIP	1	(C,D)
Q7307		2SD1328	TRANSISTOR	1	
			COMBINATION PARTS		
QR301,02		1MH5	TRANSISTOR-RESISTOR	2	
QR303		MRN1404	TRANSISTOR	1	
QR304		MRN1403	TRANSISTOR	1	
QR701,02		MRN1404	TRANSISTOR	2	
QR711,12		MRN1403	TRANSISTOR	2	
QR713		MRN1402	TRANSISTOR	1	
QR801		MRN2404	TRANSISTOR	1	
QR802		MRN1404	TRANSISTOR	1	
QR2001,02		MRN2404	TRANSISTOR	2	
QR2003		MRN1407	TRANSISTOR	1	
QR2004		DTC114TK	TRANSISTOR-RESISTOR	1	
QR2005,06		MRN1404	TRANSISTOR	2	
QR3001		MRN2402	TRANSISTOR	1	
QR3006		MRN2402	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
QR3009	DTC363EK	COMBI.TR-R	1	
QR3010	DTC363EK	TRANSISTOR-RESISTOR	1	
QR3012	MRN1403	TRANSISTOR	1	
QR4001	MRN1404	TRANSISTOR	1	
QR4002,03	MRN2402	TRANSISTOR	2	
QR4004,05	MRN1404	TRANSISTOR	2	
QR4006	DTC363EK	COMBI.TR-R	1	
QR4508,09	MRN2404	TRANSISTOR	2	
QR4510	MRN1403	TRANSISTOR	1	
QR4602	MRN2402	TRANSISTOR	1	
QR4603	MRN1404	TRANSISTOR	1	
QR6001	UN221K	TRANSISTOR	1	
QR6002,03	MRN1403	TRANSISTOR	2	
QR6004	MRN2404	TRANSISTOR	1	
QR6005	UN2119	TRANSISTOR-RESISTOR	1	
QR6006	MRN2404	TRANSISTOR	1	
QR6007	UN2119	TRANSISTOR-RESISTOR	1	
QR6008	MRN1402	TRANSISTOR	1	
QR6009	MRN1404	TRANSISTOR	1	
QR6012	MRN1403	TRANSISTOR	1	
QR6013	MRN1404	TRANSISTOR	1	
QR6015,16	MRN1404	TRANSISTOR	2	
QR6018-21	MRN1404	TRANSISTOR	4	
QR6022	MRN2404	TRANSISTOR	1	
QR6025	MRN1404	TRANSISTOR	1	
QR6026	MRN2402	TRANSISTOR	1	
QR7001	MRN1402	TRANSISTOR	1	
QR7301,02	MRN1404	TRANSISTOR	2	
QR7312-14	MRN1402	TRANSISTOR	3	
QR7315,16	MRN1404	TRANSISTOR	2	
QR7601	MRN1404	TRANSISTOR	1	
		RESISTORS		
R301	ERDS2TJ151	C.RESISTOR 1/4W 150	1	
R302	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R303	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R304	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R305,06	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R307	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R308	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R309-11	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	3	
R312	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R313	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R316	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R317	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R319	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R321	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R716	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R717	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R718	ERJ6GEYJ754	M.RESISTOR CH 1/10W 750K	1	
R719	ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R720	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R721	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R722	ERJ6GEYJ432	M.RESISTOR CH 1/10W 4.3K	1	
R723	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1	
R724	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R725	ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R726	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R727	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R728	ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R737	ERJ6GEYJ274	M.RESISTOR CH 1/10W 270K	1	
R738	ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	
R740	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R741,42	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	2	
R743	ERJ6GEYJ470	M.RESISTOR CH 1/10W 47	1	
R744	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R745	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R746	ERDS2TJ181	C.RESISTOR 1/4W 180	1	
R750	ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R756	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R758	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R772	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R773	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R774	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R781	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R782	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R792	ERDS2TJ120	C.RESISTOR 1/4W 12	1	
R795	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R801	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R802	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R803	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R804	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R813,14	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R815	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R816,17	ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	2	
R818,19	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	2	
R820,21	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	2	
R822	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R823	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R824	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R825,26	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R827	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R828	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R829	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R830	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R831	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R832	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R834	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R835	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R836	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R838	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R840	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R841	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R843-45	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R846	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R847	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R849	ERJ6GM20R00	M.RESISTOR CH 1/10W 0	1	
R850	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2001,02	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	2	
R2003,04	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	2	
R2005	ERJ6GMYJ330	M.RESISTOR CH 1/10W 33	1	
R2006,07	ERDS2TJ560	C.RESISTOR 1/4W 56	2	
R2008	ERX12SJR47	M.RESISTOR 1/2W 0.47	1	
R2009	ERDS2TJ560	C.RESISTOR 1/4W 56	1	
R2010	ERJ6GMYG752	M.RESISTOR CH 1/10W 7.5K	1	
R2011	ERJ6GMYG622	M.RESISTOR CH 1/10W 6.2K	1	
R2012	ERJ6GMYG512	M.RESISTOR CH 1/10W 5.1K	1	
R2013	ERJ6GM20R00	M.RESISTOR CH 1/10W 0	1	
R2015	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2016	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2018	ERJ6GMYG203	M.RESISTOR CH 1/10W 20K	1	
R2019,20	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R2050	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3001	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3002	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3003	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3004	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3005,06	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R3012	ERJ6GM20R00	M.RESISTOR CH 1/10W 0	1	
R3013	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3014	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3016	ERJ6GM20R00	M.RESISTOR CH 1/10W 0	1	
R3018	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3019	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3021	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3022	ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R3023	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R3025	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3028	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R3029,30	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R3031	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3032	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R3033	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3034	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3036	ERJ6GM20R00	M.RESISTOR CH 1/10W 0	1	
R3037	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3039	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3040	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R3041,42	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3043	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R3044	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3045	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R3046,47	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	2	
R3052	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3053	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3054	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3055	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3056	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3058	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R3059	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3060	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3101	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3102	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3103	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3104	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3105	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3903,04	ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	2	
R3915	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R3930	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R4001	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4002	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4003	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R4004	ERJ6GMYG273	M.RESISTOR CH 1/10W 27K	1	
R4005	ERJ6GEYJ823	M.RESISTOR CH 1/10W 82K	1	
R4006	ERJ6GMYG683	M.RESISTOR CH 1/10W 68K	1	
R4007	ERJ6GMYG100	M.RESISTOR CH 1/10W 10	1	
R4013	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4016	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4018	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R4019	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4020	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4021	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4022	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4023	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4026	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4027	ERJ6GMYJ433	M.RESISTOR CH 1/10W 43K	1	
R4030	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4501,02	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4503	VRE0071E36C	M.RESISTOR	1	
R4504,05	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	2	
R4506,07	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R4508	ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R4509	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4510	ERJ6GEYJ621	M.RESISTOR CH 1/10W 620	1	
R4511	ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4512	VRE0034E163	M.RESISTOR CH 1/10W 16K	1	
R4513	ERJ3GEYG103	M.RESISTOR CH 1/16W 10K	1	
R4514	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4518,19	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	2	
R4522	ERJ6GEYJ225	M.RESISTOR CH 1/10W 2.2M	1	
R4527	VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R4528	VRE0034E153	M.RESISTOR CH 1/10W 15K	1	
R4529	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4530	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R4534	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4535	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4539	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4540	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4541	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4542	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4543	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R4551,52	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	2	
R4553	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R4554	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R4558	ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R4561	ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4562	VRE0034E10C	M.RESISTOR 1/10W	1	
R4563	ERJ3GEYG272	M.RESISTOR CH 1/16W 2.7K	1	
R4568	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R4569	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R4573	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4577	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4578	VRE0034E473	M.RESISTOR CH 1/10W 47K	1	
R4581	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4583	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R4584	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4585	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4586	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4587,88	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	2	
R4591	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4592	ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	1	
R4593	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4594	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4603	ERJ3GEYG183	M.RESISTOR CH 1/16W 18K	1	
R4606	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4610	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4611,12	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	2	
R4613	ERJ6GEYJ394	M.RESISTOR CH 1/10W 390K	1	
R4615	ERJ6GEYJ133	M.RESISTOR CH 1/10W 13K	1	
R4616	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R4638	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R4649	ERJ3GEYG470	M.RESISTOR 1/16W 47	1	
R4651	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R4653	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4654	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4655	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4656	ERJ6GEYG243	M.RESISTOR CH 1/10W 24K	1	
R4657	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R4659	ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R4666	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4903,04	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	2	
R4907,08	ERJ6GEYJ363	M.RESISTOR CH 1/10W 36K	2	
R6001	ERDZFCVG220	C.RESISTOR 2W 22	1	
R6002	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6003	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6004	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6005	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6007	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6008	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6009	ERJ6GMYJ131	M.RESISTOR CH 1/10W 130	1	
R6010	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6011	ERG3SJ220	M.RESISTOR 3W 22	1	
R6014	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6016	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6017	ERJ6GMYJ201	M.RESISTOR CH 1/10W 200	1	
R6019	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R6020	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6021	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6022,23	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	2	
R6024	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6025	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6026	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6027	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6029	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R6030	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6031,32	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R6033	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R6034-37	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	4	
R6038	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6039-42	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	4	
R6043	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6044,45	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R6047	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R6048	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6049	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6050,51	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	2	
R6052	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6053	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R6054	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6055	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6056	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6057	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6058	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6059	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6060	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6061	ERJ6GMYG392	M.RESISTOR CH 1/10W 3.9K	1	
R6062,63	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R6064	ERJ6GMYG513	M.RESISTOR CH 1/10W 51K	1	
R6065-67	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	3	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6068,69	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R6070,71	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R6072	ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R6073	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R6074	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6075	ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R6076	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6077,78	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R6079	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6080	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6081	ERJ6GMYJ184	M.RESISTOR CH 1/10W 180K	1	
R6083	ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R6084	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6085	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6087	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6088	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6089	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6090	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6091	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6092	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6093	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6094	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6095	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6096	ERJ6GMYJ474	M.RESISTOR CH 1/10W 470K	1	
R6097	ERJ6GMYJ121	M.RESISTOR CH 1/10W 120	1	
R6098,99	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	2	
R6100	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R6101	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6102	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6103	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6132	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7001	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7002	ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R7003	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7004,05	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	2	
R7006,07	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7008	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7009-11	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7302	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7303	ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7304	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7305	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7306	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7307	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7308	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R7309	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R7310	ERJ6GEYJ474	M.RESISTOR CH 1/10W 470K	1	
R7311	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7312	ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	1	
R7313	ERJ6GEYJ824	M.RESISTOR CH 1/10W 820K	1	
R7314,15	ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	2	
R7316	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7317	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7318	ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	
R7321	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7322	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7323	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7324,25	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	2	
R7329	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7330	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7334-37	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	4	
R7338	ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7339	ERJ6GEYJ330	M.RESISTOR CH 1/10W 33	1	
R7340	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7341	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R7342	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7345	ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7346	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7347	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R7348	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7349	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7351-53	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	3	
R7354,55	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R7671,72	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R7673	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7674	ERJ6GEYJ124	M.RESISTOR CH 1/10W 120K	1	
R7675	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7676	ERG1SJ152	M.RESISTOR 1W 1.5K	1	
R7677	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R7678	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R7679	ERDS2TJ100	C.RESISTOR 1/4W 10	1	
R7680	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7691	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7695	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7696	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
		SWITCHES		
SW3901	VSS0225	SWITCH	1	
		TRANSFORMERS		
T703	EIV5EC008A	TRANSFORMER	1	
T704	EIV5EC011A	TRANSFORMER	1	
T4001	E1Q7QF013Q	TRANSFORMER	1	
T7301	EIR7QG001B	IF TRANSFORMER	1	
T7302,03	EIL7QH012Q	TRANSFORMER	2	
T7304	EIS5EC007A	TRANSFORMER	1	
T7305	EIS5EC005A	TRANSFORMER	1	
		VARIABLE RESISTORS		
VR301	EVTF6SA00B23	V.RESISTOR 2K	1	
VR701,02	EVNDRAA00B23	V.RESISTOR 2K	2	
VR741	EVNDRAA00B14	V.RESISTOR 10K	1	
VR803	EVTF6SA00B14	V.RESISTOR	1	
VR2001	EVNDXAA00B54	V.RESISTOR 50K	1	
VR2006	EVNDXAA00B15	V.RESISTOR 100K	1	
VR2011	EVNDXAA00B15	V.RESISTOR 100K	1	
VR3001	EVNDXAA00B23	V.RESISTOR 2K	1	
VR3012	EVTF6SA00B52	V.RESISTOR	1	
VR3013	EVNDXAA00B52	V.RESISTOR 500	1	
VR4002	EVNDXAA00B25	V.RESISTOR 200K	1	
VR4004	EVNDXAA00B53	V.RESISTOR 5K	1	
VR4501	EVMF1SA00B53	V.RESISTOR	1	
VR4502	EVMF6SA00B24	V.RESISTOR 20K	1	
VR4507	EVMF6SA00B24	V.RESISTOR 20K	1	
VR4509	EVMF1SA00BY3	V.RESISTOR	1	
VR4512	EVNDXAA00B52	V.RESISTOR 500	1	
VR4550	EVMF1SA00BS3	V.RESISTOR	1	
VR4551,52	EVMF6SA00B55	V.RESISTOR	2	
VR7301	EVMF6SA00B14	V.RESISTOR 10K	1	
VR7326	EVMF6SA00B52	V.RESISTOR	1	
VR7328	EVMF6SA00B52	V.RESISTOR	1	
VR7340	EVNE4AA00B14	V.RESISTOR 10K	1	
VR7342	EVNE4AA00B53	V.RESISTOR 5K	1	
VR7344	EVNE4AA00B14	V.RESISTOR 10K	1	
VR8001	EVNDXAA00B23	V.RESISTOR 2K	1	
		CRYSTAL OSCILLATORS		
X710	EFCH36MSP2	CRYSTAL OSCILLATOR	1	
X711	VLF0638	CRYSTAL OSCILLATOR	1	
X801	VSX0162	CRYSTAL OSCILLATOR	1	
X3101	VSX0099	CRYSTAL OSCILLATOR	1	
X6001	VSX0244	CRYSTAL OSCILLATOR	1	
X7001	VSQ0565	CRYSTAL OSCILLATOR	1	
X7301,02	EFCS5R5MS5B	CRYSTAL OSCILLATOR	2	
X7303,04	EFCS5R74MS5B	CRYSTAL OSCILLATOR	2	
X7305	ELB5A016	FILTER	1	
		MISCELLANEOUS		
	VJF0004	WIRE SADDLE	1	
	VWJ14HW150B8	FLAT CARD CABLE	1	(P7401-P7501)
	VWJ0596A	FLAT CARD CABLE	1	(P7402-P7502)
	VWJ0589A	FLAT CARD CABLE	1	(P6001-P1504)
	VWJ0590A	FLAT CARD CABLE	1	(P2002-P006)
	VJH0620	ANT TERMINAL	1	
	ENC17906	RF CONVERTER	1	<!>

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VJF0974	FLAT CARD CLIP	1	
		VJR0160	PACK PIN 6P	1	FOR LUMI. & CHRO.
		VJR0163	PACK PIN 9P	1	FOR LUMI. & CHRO.
		VJR0130	PACK PIN 12P	1	FOR LUMI. & CHRO.
		ENV77861H3	TUNER	1	FOR TV DEMO. <!>
		VSC3242	SHIELD COVER (MAIN)	1	FOR TV DEMO. C.B.A.
		VSC3241	SHIELD COVER (TOP)	1	FOR TV DEMO. C.B.A.
		VSC2714	SHIELD COVER (BOTTOM)	1	FOR TV DEMO. C.B.A.
	■	VEP03884P	MAIN C.B.A.		(NIA) NV-F55EA
			CAPACITORS		
C301		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C302		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C303		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C304,05		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C306		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C307		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C308		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C309		ECQV1H334JZ	P.CAPACITOR 50V 0.33U	1	
C310		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C311		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C312		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C313		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C315		ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C316		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C317		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C318		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C319		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C320		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C321		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C324		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C325		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C701		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C702		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C705		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C706		ECUY1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C707		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	1	
C708		ECEA1CK220	E.CAPACITOR 16V 22U	1	
C709		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C710		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C719		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C720		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C721		ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C723		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C725		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C728		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C730		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C731		VCEA1CAC100	E.CAPACITOR 16V 10U	1	
C732		ECEA1EK3R3	E.CAPACITOR 25V 3.3U	1	
C735		ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C736-38		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C739		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C740		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C741		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C742		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C743		ECUM1H270JSN	C.CAPACITOR CH 50V 27P	1	
C744,45		ECEA1HK0R1	E.CAPACITOR 50V 0.1U	2	
C746		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C747		ECUM1H680JPN	C.CAPACITOR CH 50V 68P	1	
C748		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C749		ECEA1CPK100	E.CAPACITOR 16V 10U	1	
C760		ECQV1H563JZ	P.CAPACITOR 50V 0.056U	1	
C761		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C781		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C782		ECUM1H060DCN	C.CAPACITOR CH 50V 6P	1	
C792		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C801		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C803		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C804,05		ECEA0JK101	E.CAPACITOR 6.3V 100U	2	
C809,10		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C811		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C812,13		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C814		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C815		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C816		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C817		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C819		ECEA0JFE221	E.CAPACITOR 6.3V 220U	1	
C820		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C821		ECUM1H821KBN	C.CAPACITOR CH 50V 820P	1	
C822		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C823		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C824		ECUM1C105ZFN	C.CAPACITOR 16V 1U	1	
C825		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C827		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C829		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C830		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C831		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C832		ECUM1H123KBN	C.CAPACITOR CH 50V 0.012U	1	
C833,34		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C835		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C836,37		ECUM1H104ZFN	C.CAPACITOR 50V	2	
C838-42		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	5	
C843		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C844		ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C845		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2001,02		ECEA1HKNR47	E.CAPACITOR 50V 0.47U	2	
C2003		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2004		ECA1EM222	E.CAPACITOR 25V	1	
C2005		ECFA1CK101	E.CAPACITOR 16V 100U	1	
C2006		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C2007		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C2008-11		ECUM1H333KBN	C.CAPACITOR CH 50V 0.033U	4	
C2012,13		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	2	
C2014,15		ECUM1H333KBN	C.CAPACITOR CH 50V 0.033U	2	
C2016		ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C2017		ECEA0JU470	E.CAPACITOR 6.3V 47U	1	
C3001		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C3004		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C3009		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3010		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C3011,12		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3013		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C3014		ECEA1CKS470	E.CAPACITOR 16V 47U	1	
C3015		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3017		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3018		ECA0JM102	E.CAPACITOR 6.3V 1000U	1	
C3020		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3021		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3022		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3023		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3025		ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
C3027		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3030		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3031		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3032		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3033		ECUM1H080DCN	C.CAPACITOR CH 50V 8P	1	
C3034		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3035		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3037		ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C3038		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3039		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3040		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3041		ECUM1H681JCN	CAPACITOR 50V	1	
C3042		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3043		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3044		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3046		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3047		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3048,49		ECUM1H104ZFN	C.CAPACITOR 50V	2	
C3050		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3053		ECEA1CK100	E.CAPACITOR 16V 10U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3101	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3102	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3103,04	ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	2	
C3105	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3916,17	ECEA1CK100	E.CAPACITOR 16V 10U	2	
C3918	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3919	ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C4002,03	ECUM1H104ZFN	C.CAPACITOR 50V	2	
C4004	ECEA1CPZ470	E.CAPACITOR 16V 47U	1	
C4005	ECUM1C224ZFN	C.CAPACITOR 16V 0.22U	1	
C4006	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4007	ECEA1CPZ470	E.CAPACITOR 16V 47U	1	
C4008	ECUM1C224ZFN	C.CAPACITOR 16V 0.22U	1	
C4009	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4010,11	ECEA0JPK470	E.CAPACITOR 6.3V 47U	2	
C4012	ECQB1H103J	P.CAPACITOR 50V 0.01U	1	
C4013	ECQP1222JZ	P.CAPACITOR 0.0022U	1	
C4014	ECCD2H331J	C.CAPACITOR 500V 330P	1	
C4015	ECQB1H102J	P.CAPACITOR 50V 1000P	1	
C4016	ECEA16M33	E.CAPACITOR 16V 33U	1	
C4017,18	ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	2	
C4020	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4021	ECUM1H683ZFN	C.CAPACITOR CH 50V 0.068U	1	
C4022	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4023	ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C4024	VCEA1HAC3R3	E.CAPACITOR 50V 3.3U	1	
C4030	ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C4031	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C4150	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4502	ECUM1C104ZFN	C.CAPACITOR CH 16V 0.1U	1	
C4503	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4504,05	ECEA1CPZ470	E.CAPACITOR 16V 47U	2	
C4506	VCEA1CAH100	E.CAPACITOR 16V 10U	1	
C4507	ECQB1H223JA	P.CAPACITOR 50V 0.022U	1	
C4508	ECEA1EBZ4R7	E.CAPACITOR 25V 4.7U	1	
C4509	ECEA1APZ470	E.CAPACITOR 10V 47U	1	
C4510	ECQB1H103JA	P.CAPACITOR 50V 0.01U	1	
C4511	ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4512	ECUX1H561JV	C.CAPACITOR CH 50V 560P	1	
C4513	ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4514	ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4515	VCEA1EAH4R7	E.CAPACITOR 25V 4.7U	1	
C4517	ECEA1APZ101	E.CAPACITOR 10V 100U	1	
C4518	ECUM1H104ZFN	C.CAPACITOR 50V	1	
C4521	ECUM1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C4522	VCEA1HAH3R3	E.CAPACITOR 50V 3.3U	1	
C4528	ECUM1H104ZFN	C.CAPACITOR 50V	1	
C4530	ECEA0JPK470	E.CAPACITOR 6.3V 47U	1	
C4533	ECEA1CP2330	E.CAPACITOR 16V 33U	1	
C4537	ECUM1H102JCN	C.CAPACITOR CH 50V 1000P	1	
C4538	ECEA1HU0R1	E.CAPACITOR 50V 0.1U	1	
C4539	ECUM1C224ZFN	C.CAPACITOR 16V 0.22U	1	
C4541	ECUM1H104ZFN	C.CAPACITOR 50V	1	
C4545	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4552	ECUM1C104ZFN	C.CAPACITOR CH 16V 0.1U	1	
C4556	VCEA1CAH100	E.CAPACITOR 16V 10U	1	
C4557	ECQB1H223JA	P.CAPACITOR 50V 0.022U	1	
C4558	ECEA1EBZ4R7	E.CAPACITOR 25V 4.7U	1	
C4559	ECEA1APZ470	E.CAPACITOR 10V 47U	1	
C4560	ECQB1H103JA	P.CAPACITOR 50V 0.01U	1	
C4561	ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4562	ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4563	ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4564	ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4565	VCEA1EAH4R7	E.CAPACITOR 25V 4.7U	1	
C4567	ECEA1APZ101	E.CAPACITOR 10V 100U	1	
C4568	ECUM1H104ZFN	C.CAPACITOR 50V	1	
C4572	VCEA1HAH3R3	E.CAPACITOR 50V 3.3U	1	
C4576	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C4583	ECEA1CPZ330	E.CAPACITOR 16V 33U	1	
C4585,86	ECEA1AP2101	E.CAPACITOR 10V 100U	2	
C4591	ECUM1H104ZFN	C.CAPACITOR 50V	1	
C4592	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4604	ECUM1H182JN	C.CAPACITOR CH 50V 1800P	1	
C4606	VCEA0JAC470	E.CAPACITOR 6.3V 47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4611	ECQB1H103J	P.CAPACITOR 50V 0.01U	1	
C4613	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C4616	ECUX1H102ZFV	C.CAPACITOR CH 50V 1000P	1	
C4617	ECEA10M22	E.CAPACITOR 10V 22U	1	
C4618	ECQB1H822JH	P.CAPACITOR 50V 8200P	1	
C4619	ECEA1APB100	E.CAPACITOR 10V 10U	1	
C4621	ECEA0JPK101	E.CAPACITOR 6.3V 100U	1	
C4629	ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C4636	ECUM1H471JN	C.CAPACITOR CH 50V 470P	1	
C4638	ECQB1H822JH	P.CAPACITOR 50V 8200P	1	
C4651	ECQB1H333JA	P.CAPACITOR 50V 0.033U	1	
C4652,53	ECUM1C105ZFN	C.CAPACITOR 16V 1U	2	
C6001	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C6002	ECUM1H1042FN	C.CAPACITOR 50V	1	
C6003	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C6004	ECA0JM331	E.CAPACITOR 6.3V 330U	1	
C6005	ECA1EM470	E.CAPACITOR 25V	1	
C6008	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C6009	ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C6010	ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C6011	ECUM1H1042FN	C.CAPACITOR 50V	1	
C6012	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C6013,14	ECUM1H271JCN	C.CAPACITOR CH 50V 270P	2	
C6015	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C6017	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C6018	ECUM1H104ZFN	C.CAPACITOR 50V	1	
C6019	ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C6020	ECQB1HZZ3JH	P.CAPACITOR 50V 0.022U	1	
C6021	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C6022	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C6023	ECQB1H103J	P.CAPACITOR 50V 0.01U	1	
C6024	ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C6025	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6026	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C6027	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C6028	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C6029	ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C6030	ECEA1HKN3R3	E.CAPACITOR 50V 3.3U	1	
C6031	ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C6034	ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C6035	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C6037	ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C6038	ECUM1H471JN	C.CAPACITOR CH 50V 470P	1	
C6039	VCYE1C104MR1	S.CAPACITOR 16V 0.1U	1	
C6040	ECUM1H392KBN	C.CAPACITOR CH 50V 3900P	1	
C6041	ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C6042	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C6043	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C6044	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C6045	ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C6046	ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C6047	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C6048	ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C6049	ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C6050	ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C6051	ECQV1H184JZ	P.CAPACITOR 50V 0.18U	1	
C6052	ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C6054	ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C6055	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C6056	ECEA1AK470	E.CAPACITOR 10V 47U	1	
C6058	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C6059	ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C6060	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C6062	ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C6065	ECEA1CK101	E.CAPACITOR 16V 100U	1	
C6066	ECA1JM330	E.CAPACITOR 63V	1	
C7003-05	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	3	
C7006	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7007	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7008	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7013	ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C7014	EECS5R5T224N	E.CAPACITOR 5.5V 0.22U	1	
C7018	ECEA0JKS101	E.CAPACITOR 6.3V 100U	1	
C7019	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7020,21	ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C7661	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7662	ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C7663	ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C7664	ECQB1H273JH	P.CAPACITOR 50V 0.027U	1	
C7665,66	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7667	ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7670,71	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7673	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7675	ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C7676,77	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7682	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7901-03	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	3	
C7904	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7905	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7906	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7907	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7908	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7909	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7910	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7911-13	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	3	
C7914	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7915	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C7916	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7917	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7918	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7919	ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C7920	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7921	ECQB1H102J	P.CAPACITOR 50V 1000P	1	
C7922	ECQB1H272J	P.CAPACITOR 50V 2700P	1	
C7923	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C7924	ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7925	ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
C7926	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7927	ECQB1H102J	P.CAPACITOR 50V 1000P	1	
C7928	ECQB1H272J	P.CAPACITOR 50V 2700P	1	
C7929	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C7930	ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7931	ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
C7932,33	ECEA1CKN100	E.CAPACITOR 16V 10U	2	
C7934	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7935	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C7937	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7938	ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C7939,40	ECEA1HKNOR1	E.CAPACITOR 50V 0.1U	2	
C7941	ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C7942	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7943	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C7945	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C7946	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C7947	ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C7948	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7949	ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C7950-53	ECEA1CKN100	E.CAPACITOR 16V 10U	4	
C7954	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7955-58	ECEA1CK100	E.CAPACITOR 16V 10U	4	
C7960	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7961	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7963	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C7964	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7965,66	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	2	
C7967	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C8001	ECUM1C474ZFN	C.CAPACITOR 16V 0.47U	1	
C8002-04	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C8006	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C8007	ECEA1AKS330	E.CAPACITOR 10V 33U	1	
C8008	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C8009	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C8010-12	ECEA1AKS330	E.CAPACITOR 10V 33U	3	
C8013	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C8014	ECUM1H561KBN	C.CAPACITOR CH 50V 560P	1	
C8015	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C8019	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C8020	ECCF1H470J	C.CAPACITOR 50V 47P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		DIODES		
D301	MA4091	DIODE	1	
D305	1SS254	DIODE	1	
D710	MA3100L	DIODE	1	
D771	MA151WK	DIODE	1	
D772	MA165VT	DIODE	1	
D801	MA723VT	DIODE	1	(VT)
D803	1SS254	DIODE	1	
D804	MA723VT	DIODE	1	(VT)
D2001-04	1SS254	DIODE	4	
D2005	ERA15-01	DIODE	1	
D2006	AK04	DIODE	1	
D2007	MA151K	DIODE	1	
D2009,10	MA723VT	DIODE	2	(VT)
D2011,12	1SS254	DIODE	2	
D2013	MA73	DIODE	1	
D3001	MA151WA	DIODE	1	
D3003,04	1SS254	DIODE	2	
D3006	11EQS04	DIODE	1	
D3010-12	1SS254	DIODE	3	
D3013	MA151K	DIODE	1	
D3101	1SS254	DIODE	1	
D4003	MA73	DIODE	1	
D4004	1SS254	DIODE	1	
D4005	MA73	DIODE	1	
D4050,51	MA73	DIODE	2	
D4052	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
D4501-04	MA151K	DIODE	4	
D4602	MA151K	DIODE	1	
D6002-05	1SS254	DIODE	4	
D6006	SV03YS	DIODE	1	
D6009	MA723VT	DIODE	1	(VT)
D6011-14	1SS254	DIODE	4	
D6015	MA151WA	DIODE	1	
D6016	1SS254	DIODE	1	
D7001,02	MA723VT	DIODE	2	(VT)
D7005	1SS254	DIODE	1	
D7007	1SS254	DIODE	1	
D7601	MA151WK	DIODE	1	
D7602	MA3082M	DIODE	1	
D7901,02	MA141WK	DIODE	2	
D7904	MA141K	DIODE	1	
D7905	MA141WA	DIODE	1	
D7906	MA141WK	DIODE	1	
D7907	MA141K	DIODE	1	
D8003	1SS254	DIODE	1	
		DELAYS		
DL802	EFDWF124A13A	DELAY	1	
		FILTERS		
FL301	VLF0727	FILTER	1	
FL801	ELB4H060	FILTER	1	
FL4501	VLF0947	FILTER	1	
FL7901	VLF0703	FILTER	1	
FL7902	ELKAH103EB	COIL	1	
FL7903	ELKAW101GB	COIL 100UH	1	
FL7904,05	ELKAH103EB	COIL	2	
FL7907-11	ELKAH103EB	COIL	5	
FL7914,15	ELKAW101GB	COIL 100UH	2	
FL7916	VLF0633	FILTER	1	
FL8001	VLF0936	FILTER	1	
FL8002	VLF0919	FILTER	1	
		INTEGRATED CIRCUITS		
IC301	MSM6965-3RS	IC	1	
IC302	VEPH14D	IC	1	
IC701	M52014SP	IC	1	
IC801	M52063SP	IC	1	
IC802	M52065FP	IC	1	
IC2001	UPC358G2	IC	1	
IC2002	XRA6435S	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC3101	BA7004	IC	1	
IC3902	BA7604N	IC	1	
IC4001	RC4558D	IC	1	
IC4501	BH7770KS	IC	1	
IC4601	BA7755AF	IC	1	
IC6001	MN67431VREH	IC	1	
IC6002	SI-3090CA	IC	1	
IC6003	UPC358G2	IC	1	
IC6004	PST591D	IC	1	
IC7001	M66006FP	IC	1	
IC7652	AN5043	IC	1	
IC7901	TB1204F	IC	1	
IC7902	TA2009F	IC	1	
IC7903	M5238FP	IC	1	
IC8001	BA7049FS	IC	1	
		CONNECTORS		
J3901	VEJ1221		1	
		COILS		
L301-04	ELESQ101KA	COIL 100UH	4	
L305	ELESP560KA	COIL 56UH	1	
L306	ELESP680KA	COIL 68UH	1	
L701	ELESP680KA	COIL 68UH	1	
L711	ELQTR22XB	COIL 0.22UH	1	
L713	VLQ0213MR68	COIL	1	
L714	ELQTR68XB	COIL 0.68UH	1	
L718	ELESP680KA	COIL 68UH	1	
L719	ELESP120KA	COIL 12UH	1	
L720	ELESP680KA	COIL 68UH	1	
L781	VLQ0213K560	COIL 56UH	1	
L802	ELESP270KA	COIL 27UH	1	
L803	ELESQ101KA	COIL 100UH	1	
L804	VLQ0188K150	COIL 15UH	1	
L807	VLQ0188K150	COIL 15UH	1	
L808	ELESQ101KA	COIL 100UH	1	
L809	VLQ0188K101	COIL 100UH	1	
L810-12	ELESQ101KA	COIL 100UH	3	
L2001	ELESP102KA	COIL 1MH	1	
L2002,03	VLP0083	FILTER	2	
L3001	ELESQ101KA	COIL 100UH	1	
L3002	ELESP680JA	COIL 68UH	1	
L3004	ELESQ101KA	COIL 100UH	1	
L3009	ELESP820KA	COIL 82UH	1	
L3011	ELESP151KA	COIL 150UH	1	
L3012	ELESP270KA	COIL 27UH	1	
L3013	ELESQ101KA	COIL 100UH	1	
L3015	ELESP6R8JA	COIL 6.8UH	1	
L3016	ELESP5R6JA	COIL 5.6UH	1	
L3017	ELESQ101KA	COIL 100UH	1	
L3018	ELESP120KA	COIL 12UH	1	
L3019	ELESQ101KA	COIL 100UH	1	
L3101	ELESQ101KA	COIL 100UH	1	
L3905	ELESQ101KA	COIL 100UH	1	
L4001,02	ELESQ101KA	COIL 100UH	2	
L4003	ELESP471KA	COIL 470UH	1	
L4501,02	ELESQ101KA	COIL 100UH	2	
L4601	VLQELO7F153J	COIL 15MH	1	
L6003	ELESQ101KA	COIL 100UH	1	
L6004	VLP0074	COIL	1	
L7001,02	ELESP1R0KA	COIL 1UH	2	
L7003-05	ELESQ101KA	COIL 100UH	3	
L7006	VLP0085	FILTER	1	
L7007	ELESQ101KA	COIL 100UH	1	
L7008	ELESP1R0KA	COIL 1UH	1	
L7901,02	VLP0083	FILTER	2	
L8002	ELESQ101KA	COIL 100UH	1	
L8003	ELESP221KA	COIL 220UH	1	
L8004	VLQELO5F470K	COIL 47UH	1	
		CONNECTORS		
P201	VJS1232T	CONNECTOR (FEMALE)	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P501	VJF0171T	CONNECTOR	1	
P551	VJS1235T	CONNECTOR (FEMALE)	1	
P1001	VJP1237T	CONNECTOR (MALE) 10P	1	
P1001	VJS1237T	CONNECTOR (FEMALE)	1	
P1101	VJS1237T	CONNECTOR (FEMALE)	1	
P2001	VJP1232T	CONNECTOR (MALE) 5P	1	
P2001	VJS1232T	CONNECTOR (FEMALE)	1	
P2002	VJS3193A015A	CONNECTOR (FEMALE)	1	
P3001	VJP1251T	CONNECTOR (MALE) 11P	1	
P3001	VJS1238T	CONNECTOR (FEMALE)	1	
P3901	VJP1247T	CONNECTOR (MALE) 7P	1	
P3901	VJS1234T	CONNECTOR (FEMALE)	1	
P4001	VJS2331	CONNECTOR (FEMALE)	1	
P4002	VJP1235T	CONNECTOR (MALE) 8P	1	
P4002	VJS1235T	CONNECTOR (FEMALE)	1	
P4003	VJP1234T	CONNECTOR (MALE) 7P	1	
P4003	VJS1234T	CONNECTOR (FEMALE)	1	
P4004	VJP1230T	CONNECTOR (MALE) 3P	1	
P4004	VJS1230T	CONNECTOR (FEMALE)	1	
P6001	VJS3193A013A	CONNECTOR (FEMALE)	1	
P6002	VJS3147	CONNECTOR (FEMALE)	1	
P6003	VJP1242T	CONNECTOR (MALE) 2P	1	
P6005	VJP1239T	CONNECTOR (MALE) 12P	1	
P6005	VJS1239T	CONNECTOR (FEMALE)	1	
P7401	VJS3193A020A	CONNECTOR (FEMALE)	1	
P7402	VJS3193A014A	CONNECTOR (FEMALE)	1	
P7501	VJS1932T	CONNECTOR (FEMALE)	1	
PK7901,02	VJR0477	PACK PIN	2	
PP801	VJP3043A005W	CONNECTOR (MALE)	1	
PP802	VJP3043G003W	CONNECTOR (MALE)	1	
PP803	VJP3043G007W	CONNECTOR (MALE)	1	
PP3005	VJP3042A016W	CONNECTOR (MALE)	1	
PP3006	VJP3042A012W	CONNECTOR (MALE)	1	
PP7401-03	VJP3043A005W	CONNECTOR (MALE)	3	
PP7404	VJP3043A006W	CONNECTOR (MALE)	1	
PP7405	VJP3043A004W	CONNECTOR (MALE)	1	
PS701-03	VJS3043B005W	CONNECTOR (FEMALE)	3	
PS704	VJS3043B006W	CONNECTOR (FEMALE)	1	
PS801	VJS3043B005W	CONNECTOR (FEMALE)	1	
PS802	VJS3043F003W	CONNECTOR (FEMALE)	1	
PS803	VJS3043F007W	CONNECTOR (FEMALE)	1	
PS3951	VJS3042B016W	CONNECTOR (FEMALE)	1	
PS3952	VJS3042F012W	CONNECTOR (FEMALE)	1	
PS4001	VJP3186A018	CONNECTOR (MALE)	1	
PS4001	VJS3186B018	CONNECTOR (FEMALE)	1	
PS4002	VJP3186A018	CONNECTOR (MALE)	1	
PS4002	VJS3186B018	CONNECTOR (FEMALE)	1	
PS4003	VJP3186A018	CONNECTOR (MALE)	1	
PS4003	VJS3186B018	CONNECTOR (FEMALE)	1	
		TRANSISTORS		
Q301	MSC2295	TRANSISTOR	1	
Q303	MSB709	TRANSISTOR	1	
Q703	MSD601-S	TRANSISTOR	1	
Q711	2SB709	TRANSISTOR CHIP	1	(Q,R,S)
Q712	2SD1996-R	TRANSISTOR	1	
Q713	2SD1328	TRANSISTOR	1	
Q771	MSD601	TRANSISTOR	1	
Q805	MSD601	TRANSISTOR	1	
Q3001	MSD601	TRANSISTOR	1	
Q3003	MSB710-R	TRANSISTOR	1	
Q3004	2SB1320	TRANSISTOR	1	
Q3006	MSD601	TRANSISTOR	1	
Q3008	MSC2295	TRANSISTOR	1	
Q3009	MSB709	TRANSISTOR	1	
Q3010,11	MSC2295	TRANSISTOR	2	
Q3013	MSD601	TRANSISTOR	1	
Q3014	MSB709	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q3101	2SC3311-S	TRANSISTOR	1	
Q4001	MSB710-R	TRANSISTOR	1	
Q4003	2SD602A-R	TRANSISTOR	1	
Q4501	2SD655	TRANSISTOR	1	
Q4551	2SB561	TRANSISTOR	1	
Q4601	MSD1328	TRANSISTOR	1	
Q6001	MSD602	TRANSISTOR	1	
Q6002-04	2SD1994-S	TRANSISTOR	3	(S)
Q6005	MSD601	TRANSISTOR	1	
Q6007	MSB709	TRANSISTOR	1	
Q6008	2SD1996	TRANSISTOR	1	
Q6009	2SB1378-R	TRANSISTOR	1	
Q6010,11	MSB710-R	TRANSISTOR	2	
Q6012	2SB1321-R	TRANSISTOR	1	
Q6013,14	MSD601	TRANSISTOR	2	
Q7901,02	MSD601	TRANSISTOR	2	
Q7903	62SC3931CD	TRANSISTOR	1	
Q7904-07	2SB1219	TRANSISTOR	4	
Q7908,09	2SC3929	TRANSISTOR	2	
Q7910	2SD1820	TRANSISTOR	1	
Q7913	2SB1218	TRANSISTOR	1	
Q7914,15	2SD1979-S	TRANSISTOR	2	
Q7916	2SB1219	TRANSISTOR	1	
		COMBINATION PARTS		
QR301,02	IMH5	TRANSISTOR-RESISTOR	2	
QR303	MRN1404	TRANSISTOR	1	
QR304	MRN1403	TRANSISTOR	1	
QR702	MRN1404	TRANSISTOR	1	
QR711,12	MRN1403	TRANSISTOR	2	
QR713	MRN1402	TRANSISTOR	1	
QR801	MRN2404	TRANSISTOR	1	
QR802	MRN1404	TRANSISTOR	1	
QR808	MRN2402	TRANSISTOR	1	
QR2001,02	MRN2404	TRANSISTOR	2	
QR2003	MRN1407	TRANSISTOR	1	
QR2004	DTC114TK	TRANSISTOR-RESISTOR	1	
QR2005,06	MRN1404	TRANSISTOR	2	
QR3001	MRN2402	TRANSISTOR	1	
QR3005	MRN1403	TRANSISTOR	1	
QR3006	MRN2402	TRANSISTOR	1	
QR3007	MRN1407	TRANSISTOR	1	
QR3009	DTC363EK	COMBI.TR-R	1	
QR3010	DTC363EK	TRANSISTOR-RESISTOR	1	
QR3012	MRN1403	TRANSISTOR	1	
QR4001	MRN1404	TRANSISTOR	1	
QR4002,03	MRN2402	TRANSISTOR	2	
QR4004,05	MRN1404	TRANSISTOR	2	
QR4006	DTC363EK	COMBI.TR-R	1	
QR4508,09	MRN2404	TRANSISTOR	2	
QR4510	MRN1403	TRANSISTOR	1	
QR4602	MRN2402	TRANSISTOR	1	
QR4603	MRN1404	TRANSISTOR	1	
QR6001	UN221K	TRANSISTOR	1	
QR6002,03	MRN1403	TRANSISTOR	2	
QR6004	MRN2404	TRANSISTOR	1	
QR6005	UN2119	TRANSISTOR-RESISTOR	1	
QR6006	MRN2404	TRANSISTOR	1	
QR6007	UN2119	TRANSISTOR-RESISTOR	1	
QR6008	MRN1402	TRANSISTOR	1	
QR6009	MRN1404	TRANSISTOR	1	
QR6012	MRN1403	TRANSISTOR	1	
QR6013	MRN1404	TRANSISTOR	1	
QR6014	MRN2402	TRANSISTOR	1	
QR6015,16	MRN1404	TRANSISTOR	2	
QR6018-21	MRN1404	TRANSISTOR	4	
QR6022	MRN2404	TRANSISTOR	1	
QR6025	MRN1404	TRANSISTOR	1	
QR6026	MRN2402	TRANSISTOR	1	
QR7001	MRN1402	TRANSISTOR	1	
QR7501	MRN1404	TRANSISTOR	1	
QR7901,02	UN5213	TRANSISTOR	2	
QR7903	UN5112	TRANSISTOR-RESISTOR	1	
QR7904-06	UN5213	TRANSISTOR	3	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
QR8001	MRN1407	TRANSISTOR	1	
		RESISTORS		
R301	ERDS2TJ151	C.RESISTOR 1/4W 150	1	
R302	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R303	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R304	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R305,06	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R307	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R308	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R309-11	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	3	
R312	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R313	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R316	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R317	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R319	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R320,21	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	2	
R716	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R719	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R720	ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R721,22	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R724	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R725	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R727	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R728	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R729	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R730	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R736	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R737	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R738	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R739	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R740	ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	
R741	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R742	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R743	ERJ6GEYJ474	M.RESISTOR CH 1/10W 470K	1	
R744	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R745	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R746	ERDS2TJ151	C.RESISTOR 1/4W 150	1	
R750	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R758	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R759	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R763	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R772	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R773	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R774	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R781	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R790	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R796	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R797	ERJ6GEYJ391	M.RESISTOR CH 1/10W 390	1	
R798	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R802	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R803,04	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	2	
R813,14	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R815	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R816,17	ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	2	
R818,19	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	2	
R820,21	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	2	
R822	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R823	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R824	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R825,26	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R827	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R828	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R829	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R830	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R831	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R832	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R834	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R835	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R836	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R838	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R840	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R844,45	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R846	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R847	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R849	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R850	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2001,02	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	2	
R2003,04	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	2	
R2005	ERJ6GMYJ330	M.RESISTOR CH 1/10W 33	1	
R2006,07	ERDS2TJ560	C.RESISTOR 1/4W 56	2	
R2008	ERX12SJR47	M.RESISTOR 1/2W 0.47	1	
R2009	ERDS2TJ560	C.RESISTOR 1/4W 56	1	
R2010	ERJ6GMYG752	M.RESISTOR CH 1/10W 7.5K	1	
R2011	ERJ6GMYG622	M.RESISTOR CH 1/10W 6.2K	1	
R2012	ERJ6GMYG512	M.RESISTOR CH 1/10W 5.1K	1	
R2013	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R2015	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2016	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2018	ERJ6GMYG203	M.RESISTOR CH 1/10W 20K	1	
R2019,20	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R2050	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3001	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3002	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3003	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3004	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3005,06	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R3012	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R3013	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3014	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3016	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R3018	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3019	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3021	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3022	ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R3023	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R3025	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3026	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3028	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R3029,30	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R3031	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3032	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R3033	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3034	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3036	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R3037	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3039	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3040	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R3041,42	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	2	
R3043	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R3044	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3045	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R3046,47	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	2	
R3052	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3053	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3054	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3055	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3056	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3058	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R3059	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3060	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3101	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3102	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3103	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3104	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3105	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3903,04	ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	2	
R3915	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R3930	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R4001	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4002	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4003	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R4004	ERJ6GMYG273	M.RESISTOR CH 1/10W 27K	1	
R4005	ERJ6GEYJ823	M.RESISTOR CH 1/10W 82K	1	
R4006	ERJ6GMYG683	M.RESISTOR CH 1/10W 68K	1	
R4007	ERJ6GMYG100	M.RESISTOR CH 1/10W 10	1	
R4013	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4016	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4018	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4019	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4020	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4021	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4022	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4023	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4026	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4027	ERJ6GMYJ433	M.RESISTOR CH 1/10W 43K	1	
R4030	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4501,02	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R4503	VRE0071E36C	M.RESISTOR	1	
R4504,05	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	2	
R4506,07	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R4508	ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R4509	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4510	ERJ6GEYJ621	M.RESISTOR CH 1/10W 620	1	
R4511	ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4512	VRE0034E163	M.RESISTOR CH 1/10W 16K	1	
R4513	ERJ3GEYG103	M.RESISTOR CH 1/16W 10K	1	
R4514	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4518,19	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	2	
R4522	ERJ6GEYJ225	M.RESISTOR CH 1/10W 2.2M	1	
R4527	VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R4528	VRE0034E153	M.RESISTOR CH 1/10W 15K	1	
R4529	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4530	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R4534	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4535	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4539	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4540	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R4541	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4542	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4543	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R4551,52	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	2	
R4553	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R4554	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R4558	ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R4561	ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4562	VRE0034E10C	M.RESISTOR 1/10W	1	
R4563	ERJ3GEYG272	M.RESISTOR CH 1/16W 2.7K	1	
R4568	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R4569	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R4573	ERJ6GEYJ15Z	M.RESISTOR CH 1/10W 1.5K	1	
R4577	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4578	VRE0034E473	M.RESISTOR CH 1/10W 47K	1	
R4581	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4583	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R4584	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4585	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R4586	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4587,88	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	2	
R4591	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4592	ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	1	
R4593	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4594	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4603	ERJ3GEYG183	M.RESISTOR CH 1/16W 18K	1	
R4606	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4610	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4611,12	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	2	
R4613	ERJ6GEYJ394	M.RESISTOR CH 1/10W 390K	1	
R4615	ERJ6GEYJ133	M.RESISTOR CH 1/10W 13K	1	
R4616	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R4638	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R4649	ERJ3GEYG470	M.RESISTOR 1/16W 47	1	
R4651	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R4653	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4654	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4655	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4656	ERJ6GEYG243	M.RESISTOR CH 1/10W 24K	1	
R4657	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R4659	ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R4666	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4903,04	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	2	
R4907,08	ERJ6GEYJ363	M.RESISTOR CH 1/10W 36K	2	
R6001	ERD2FCVG220	C.RESISTOR 2W 22	1	
R6002	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6003	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6004	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6005	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6007	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6008	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6009	ERJ6GMYJ131	M.RESISTOR CH 1/10W 130	1	
R6010	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6011	ERG3SJ220	M.RESISTOR 3W 22	1	
R6014	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6016	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6017	ERJ6GMYJ201	M.RESISTOR CH 1/10W 200	1	
R6019	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R6020	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6021	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6022,23	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	2	
R6024	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6025	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6026	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6027	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6029	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R6030	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6031,32	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R6033	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R6034-37	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	4	
R6038	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6039-42	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	4	
R6043	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6044,45	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R6047	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R6048	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6049	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6050,51	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	2	
R6052	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6053	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R6054	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6055	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6056	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6057	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6058	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6059	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6060	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6061	ERJ6GMYG392	M.RESISTOR CH 1/10W 3.9K	1	
R6062,63	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R6064	ERJ6GMYG513	M.RESISTOR CH 1/10W 51K	1	
R6065-67	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	3	
R6068,69	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R6070,71	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R6072	ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R6073	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R6074	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6075	ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R6076	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6077,78	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R6079	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6080	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6081	ERJ6GMYJ184	M.RESISTOR CH 1/10W 180K	1	
R6083	ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R6084	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6085	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6087	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6088	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6089	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6090	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6091	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6092	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6093	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6094	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6095	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6096	ERJ6GMYJ474	M.RESISTOR CH 1/10W 470K	1	
R6097	ERJ6GMYJ121	M.RESISTOR CH 1/10W 120	1	
R6098,99	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	2	
R6100	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R6101	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6102	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6103	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6132	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7001	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7002	ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R7003	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7004,05	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	2	
R7006,07	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7008	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7009	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7011	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7671,72	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R7673	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7674	ERJ6GEYJ124	M.RESISTOR CH 1/10W 120K	1	
R7675	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7676	ERG1SJ152	M.RESISTOR 1W 1.5K	1	
R7677	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R7678	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R7679	ERDS2TJ100	C.RESISTOR 1/4W 10	1	
R7680	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7691	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7693	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7695	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7696	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7901	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R7902	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R7903	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7904	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7905	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7906	ERJ6GEYJ150	M.RESISTOR CH 1/10W 15	1	
R7907	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R7908	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7909-11	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	3	
R7913-15	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	3	
R7917	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7918-21	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R7922	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7923	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R7924-26	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R7927	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7928	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7929	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7930	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R7931-33	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R7934	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R7935	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7936	ERJ3GEYJZZ3	M.RESISTOR CH 1/16W 22K	1	
R7937	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R7938	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R7939	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R7940	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R7941	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R7942	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R7943	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7944	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R7945	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7946,47	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R7948	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7949	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7950	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7951	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7956	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R7957	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7958,59	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	2	
R7960,61	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R7962,63	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R7964	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R7969-72	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R7973-77	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	
R7978	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7979	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R7980	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7981,82	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R7983	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7985	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R7987	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R7988	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R7989		ERDS2TJ823	C.RESISTOR 1/4W 82K	1	
R8001-03		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	3	
R8004		ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R8005		ERJ6GM20R00	M.RESISTOR CH 1/10W 0	1	
R8006		ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R8007-09		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	3	
R8010		ERJ6GEYG911	M.RESISTOR CH 1/10W 910	1	
R8011		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R8012		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R8013		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R8014		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R8015		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R8016		ERJ6GEYJ431	M.RESISTOR CH 1/10W 430	1	
R8018		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
			SWITCHES		
SW3901		VSS0225	SWITCH	1	
			TRANSFORMERS		
T703		EIV5EC046A	TRANSFORMER	1	
T704		EIV5EC006A1	TRANSFORMER	1	
T711		EIS5EC004A	TRANSFORMER	1	
T4001		EIQ7QF013Q	TRANSFORMER	1	
			VARIABLE RESISTORS		
VR301		EVTF6SA00B23	V.RESISTOR 2K	1	
VR701,02		EVNDXAA00B53	V.RESISTOR 5K	2	
VR741		EVNDXAA00B14	V.RESISTOR 10K	1	
VR751		EVNDXAA00B53	V.RESISTOR 5K	1	
VR803		EVTF6SA00B14	V.RESISTOR	1	
VR2001		EVNDXAA00B54	V.RESISTOR 50K	1	
VR2006		EVNDXAA00B15	V.RESISTOR 100K	1	
VR2011		EVNDXAA00B15	V.RESISTOR 100K	1	
VR3001		EVNDXAA00B23	V.RESISTOR 2K	1	
VR3012		EVTF6SA00B52	V.RESISTOR	1	
VR3013		EVNDXAA00B52	V.RESISTOR 500	1	
VR4002		EVNDXAA00B25	V.RESISTOR 200K	1	
VR4004		EVNDXAA00B53	V.RESISTOR 5K	1	
VR4501		EVMFLSA00B53	V.RESISTOR	1	
VR4502		EVMF6SA00B24	V.RESISTOR 20K	1	
VR4507		EVMF6SA00B24	V.RESISTOR 20K	1	
VR4509		EVMFLSA00BY3	V.RESISTOR	1	
VR4512		EVNDXAA00B52	V.RESISTOR 500	1	
VR4550		EVMFLSA00BS3	V.RESISTOR	1	
VR4551,52		EVMF6SA00B55	V.RESISTOR	2	
VR7901,02		EVNDXAA00B14	V.RESISTOR 10K	2	
VR7903		EVTF6SA00B55	V.RESISTOR	1	
VR8001		EVNDXAA00B23	V.RESISTOR 2K	1	
			CRYSTAL OSCILLATORS		
X710		EFCH38MGQ1	CRYSTAL OSCILLATOR	1	
X711		EFCS5R5MW5	FILTER	1	
X712		EFCS5R5MS5	FILTER	1	
X801		VSX0162	CRYSTAL OSCILLATOR	1	
X3101		VSX0099	CRYSTAL OSCILLATOR	1	
X6001		VSX0244	CRYSTAL OSCILLATOR	1	
X7001		VSQ0565	CRYSTAL OSCILLATOR	1	
X7901		VSX0514	CRYSTAL OSCILLATOR	1	
X7902		VSX0512	CRYSTAL OSCILLATOR	1	
X7903		EFCA5504BF	CRYSTAL OSCILLATOR	1	
X8001		VSX0473	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VJF0004	WIRE SADDLE	1	
		VWJ14HW150BB	FLAT CARD CABLE	1	(P7401-P7501)
		VWJ0596A	FLAT CARD CABLE	1	(P7402-P7502)
		VWJ0589A	FLAT CARD CABLE	1	(P6001-P1504)
		VWJ0590A	FLAT CARD CABLE	1	(P2001-P006)
		VJH0621	ANT TERMINAL	1	
		ENC17905	RF CONVERTER	1	<!>

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VJF0974	FLAT CARD CLIP	1	
		VMT0354	PLATE SPACER	1	
		VJR0160	PACK PIN 6P	1	FOR LUMI. & CHRO.
		VJR0163	PACK PIN 9P	1	FOR LUMI. & CHRO.
		VJR0130	PACK PIN 12P	1	FOR LUMI. & CHRO.
		ENV77860H3	TUNER	1	FOR TV DEMO. <!>
		VSC3242	SHIELD COVER (MAIN)	1	FOR TV DEMO. C.B.A.
		VSC3241	SHIELD COVER (TOP)	1	FOR TV DEMO. C.B.A.
		VSC3553	SHIELD COVER (MAIN)	1	FOR NICAM DECODER
		VSC3554	SHIELD COVER (TOP)	1	FOR NICAM DECODER
		VSC3555	SHIELD COVER (BOTTOM)	1	FOR NICAM DECODER
	■	VEP03884Q	MAIN C.B.A.		(NLA) NV-F55EE
			CAPACITORS		
C301		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C302		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C303		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C304,05		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C306		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C307		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C308		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C309		ECQV1H334JZ	P.CAPACITOR 50V 0.33U	1	
C310		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C311		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C312		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C313		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C314		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C315		ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C316		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C317		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C318		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C319		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C320		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C321		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C324		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C325		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C701		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C702		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C703		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C705		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C706		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C708		ECEA1CK330	E.CAPACITOR 16V 33U	1	
C709		ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C710		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C715-20		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	6	
C721		ECEA1HKR27K	E.CAPACITOR 50V 0.27U	1	
C722		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C723		ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C725		ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C728		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C730		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C731		ECEA1CKS100	E.CAPACITOR 16V 10U	1	
C734		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C739		ECEA1HK010	E.CAPACITOR 50V 1U	1	
C740		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C741		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C742		ECUM1H030CCN	C.CAPACITOR CH 50V 3P	1	
C743		ECUM1H270JSN	C.CAPACITOR CH 50V 27P	1	
C744		ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C745		ECUM1H680JPN	C.CAPACITOR CH 50V 68P	1	
C746		ECUM1H150JCN	C.CAPACITOR CH 50V 15P	1	
C748		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C781		ECUM1H390JCN	C.CAPACITOR CH 50V 39P	1	
C782		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C797-99		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C801		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C802		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C803		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C804,05		ECEA0JK101	E.CAPACITOR 6.3V 100U	2	
C806		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C807		ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C808-10		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C811		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C812,13		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C814		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C815		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C816		ECUM1H470JCN	C.CAPACITOR CH 50V 47P	1	
C817		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C819		ECEA0JFE221	E.CAPACITOR 6.3V 220U	1	
C820		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C821		ECUM1H821KBN	C.CAPACITOR CH 50V 820P	1	
C822		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C823		ECQB1H332JH	P.CAPACITOR 50V 0.27U	1	
C824		ECUM1C105ZFN	C.CAPACITOR 16V 1U	1	
C825		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C826		ECUM1H681KBN	C.CAPACITOR CH 50V 680P	1	
C827,28		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C829		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C830		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C831		ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C832		ECUM1H123KBN	C.CAPACITOR CH 50V 0.012U	1	
C833,34		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C835		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C836,37		ECUM1H104ZFN	C.CAPACITOR 50V	2	
C838-42		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	5	
C843		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C844		ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C845		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C2001,02		ECEA1HKNR47	E.CAPACITOR 50V 0.47U	2	
C2003		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C2004		ECA1EM222	E.CAPACITOR 25V	1	
C2005		ECEA1CK101	E.CAPACITOR 16V 100U	1	
C2006		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C2007		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	1	
C2008-11		ECUM1H333KBN	C.CAPACITOR CH 50V 0.033U	4	
C2012,13		ECEA1HK2R2	E.CAPACITOR 50V 2.2U	2	
C2014,15		ECUM1H333KBN	C.CAPACITOR CH 50V 0.033U	2	
C2016		ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C2017		ECEA0JU470	E.CAPACITOR 6.3V 47U	1	
C3001		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C3004		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C3009		ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C3010		ECEA0JK330	E.CAPACITOR 6.3V 33U	1	
C3011,12		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C3013		ECEA0JK101	E.CAPACITOR 6.3V 100U	1	
C3014		ECEA1CKS470	E.CAPACITOR 16V 47U	1	
C3015		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3018		ECA0JM102	E.CAPACITOR 6.3V 1000U	1	
C3020		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3021		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3022		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3023		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3025		ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
C3027		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C3030		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3031		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3032		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C3033		ECUM1H080DCN	C.CAPACITOR CH 50V 8P	1	
C3034		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3035		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3037		ECUM1H151JCN	C.CAPACITOR CH 50V 150P	1	
C3038		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3039		ECUM1H181JCN	C.CAPACITOR CH 50V 180P	1	
C3040		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3041		ECUM1H681JCN	CAPACITOR 50V	1	
C3042		ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C3043		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C3044		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C3046		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3047		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3048,49		ECUM1H104ZFN	C.CAPACITOR 50V	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C3050		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C3053		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3101		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3102		ECEA1CK470	E.CAPACITOR 16V 47U	1	
C3103,04		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	2	
C3105		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C3916,17		ECEA1CK100	E.CAPACITOR 16V 10U	2	
C3918		ECEA0JK470	E.CAPACITOR 6.3V 47U	1	
C3919		ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C4002,03		ECUM1H104ZFN	C.CAPACITOR 50V	2	
C4004		ECEA1CPZ470	E.CAPACITOR 16V 47U	1	
C4005		ECUM1C224ZFN	C.CAPACITOR 16V 0.22U	1	
C4006		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4007		ECEA1CPZ470	E.CAPACITOR 16V 47U	1	
C4008		ECUM1C224ZFN	C.CAPACITOR 16V 0.22U	1	
C4009		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4010,11		ECEA0JPK470	E.CAPACITOR 6.3V 47U	2	
C4012		ECQB1H103J	P.CAPACITOR 50V 0.01U	1	
C4013		ECQP1222JZ	P.CAPACITOR 0.0022U	1	
C4014		ECCD2H331J	C.CAPACITOR 500V 330P	1	
C4015		ECQB1H102J	P.CAPACITOR 50V 1000P	1	
C4016		ECEA16M33	E.CAPACITOR 16V 33U	1	
C4017,18		ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	2	
C4020		ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C4021		ECUM1H683ZFN	C.CAPACITOR CH 50V 0.068U	1	
C4022		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C4023		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C4024		VCEA1HAC3R3	E.CAPACITOR 50V 3.3U	1	
C4030		ECEA0JK220	E.CAPACITOR 6.3V 22U	1	
C4031		ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C4150		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C4502		ECUM1C104ZFN	C.CAPACITOR CH 16V 0.1U	1	
C4503		ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4504,05		ECEA1CPZ470	E.CAPACITOR 16V 47U	2	
C4506		VCEA1CAH100	E.CAPACITOR 16V 10U	1	
C4507		ECQB1H223JA	P.CAPACITOR 50V 0.022U	1	
C4508		ECEA1EB24R7	E.CAPACITOR 25V 4.7U	1	
C4509		ECEA1AP2470	E.CAPACITOR 10V 47U	1	
C4510		ECQB1H103JA	P.CAPACITOR 50V 0.01U	1	
C4511		ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4512		ECUX1H561JV	C.CAPACITOR CH 50V 560P	1	
C4513		ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4514		ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4515		VCEA1EAH4R7	E.CAPACITOR 25V 4.7U	1	
C4517		ECEA1APZ101	E.CAPACITOR 10V 100U	1	
C4518		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C4521		ECUM1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C4522		VCEA1HAH3R3	E.CAPACITOR 50V 3.3U	1	
C4528		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C4530		ECEA0JPK470	E.CAPACITOR 6.3V 47U	1	
C4533		ECEA1CPZ330	E.CAPACITOR 16V 33U	1	
C4537		ECUM1H102JCN	C.CAPACITOR CH 50V 1000P	1	
C4538		ECEA1HU0R1	E.CAPACITOR 50V 0.1U	1	
C4539		ECUM1C224ZFN	C.CAPACITOR 16V 0.22U	1	
C4541		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C4545		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C4552		ECUM1C104ZFN	C.CAPACITOR CH 16V 0.1U	1	
C4556		VCEA1CAH100	E.CAPACITOR 16V 10U	1	
C4557		ECQB1H223JA	P.CAPACITOR 50V 0.022U	1	
C4558		ECEA1EB24R7	E.CAPACITOR 25V 4.7U	1	
C4559		ECEA1AP2470	E.CAPACITOR 10V 47U	1	
C4560		ECQB1H103JA	P.CAPACITOR 50V 0.01U	1	
C4561		ECQB1H332JA	P.CAPACITOR 50V 3300P	1	
C4562		ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4563		ECUM1H681JN	C.CAPACITOR CH 50V 680P	1	
C4564		ECUM1H561JN	C.CAPACITOR CH 50V 560P	1	
C4565		VCEA1EAH4R7	E.CAPACITOR 25V 4.7U	1	
C4567		ECEA1APZ101	E.CAPACITOR 10V 100U	1	
C4568		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C4572		VCEA1HAH3R3	E.CAPACITOR 50V 3.3U	1	
C4576		ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C4583		ECEA1CPZ330	E.CAPACITOR 16V 33U	1	
C4585,86		ECEA1APZ101	E.CAPACITOR 10V 100U	2	
C4591		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C4592		ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4604	ECUM1H182JN	C.CAPACITOR CH 50V 1800P	1	
C4606	VCEAOJAC470	E.CAPACITOR 6.3V 47U	1	
C4611	ECQB1H103J	P.CAPACITOR 50V 0.01U	1	
C4613	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C4616	ECUX1H102ZFV	C.CAPACITOR CH 50V 1000P	1	
C4617	ECEA10M22	E.CAPACITOR 10V 22U	1	
C4618	ECQB1H822JH	P.CAPACITOR 50V 8200P	1	
C4619	ECEA1APB100	E.CAPACITOR 10V 10U	1	
C4621	ECEAOJPK101	E.CAPACITOR 6.3V 100U	1	
C4629	ECQB1H103JZ	P.CAPACITOR 50V 0.01U	1	
C4636	ECUM1H471JN	C.CAPACITOR CH 50V 470P	1	
C4638	ECQB1H822JH	P.CAPACITOR 50V 8200P	1	
C4651	ECQB1H333JA	P.CAPACITOR 50V 0.033U	1	
C4652.53	ECUM1C105ZFN	C.CAPACITOR 16V 1U	2	
C6001	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6002	ECUM1H104ZFN	C.CAPACITOR 50V	1	
C6003	ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C6004	ECAOJM331	E.CAPACITOR 6.3V 330U	1	
C6005	ECA1EM470	E.CAPACITOR 25V	1	
C6008	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C6009	ECEAOJK101	E.CAPACITOR 6.3V 100U	1	
C6010	ECEA1EK4R7	E.CAPACITOR 25V 4.7U	1	
C6011	ECUM1H104ZFN	C.CAPACITOR 50V	1	
C6012	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6013.14	ECUM1H271JCN	C.CAPACITOR CH 50V 270P	2	
C6015	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6017	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C6018	ECUM1H104ZFN	C.CAPACITOR 50V	1	
C6019	ECEAOJK220	E.CAPACITOR 6.3V 22U	1	
C6020	ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C6021	ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C6022	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6023	ECQB1H103J	P.CAPACITOR 50V 0.01U	1	
C6024	ECEAOJK220	E.CAPACITOR 6.3V 22U	1	
C6025	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6026	ECUM1H472KBN	C.CAPACITOR CH 50V 4700P	1	
C6027	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C6028	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C6029	ECEAOJK101	E.CAPACITOR 6.3V 100U	1	
C6030	ECEA1HKN3R3	E.CAPACITOR 50V 3.3U	1	
C6031	ECFA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C6034	ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C6035	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C6037	ECEAOJK220	E.CAPACITOR 6.3V 22U	1	
C6038	ECUM1H471JN	C.CAPACITOR CH 50V 470P	1	
C6039	VCYE1C104MR1	S.CAPACITOR 16V 0.1U	1	
C6040	ECUM1H392KBN	C.CAPACITOR CH 50V 3900P	1	
C6041	ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C6042	ECUM1H222KBN	C.CAPACITOR CH 50V 2200P	1	
C6043	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6044	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	1	
C6045	ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C6046	ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C6047	ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C6048	ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C6049	ECEAOJK221	E.CAPACITOR 6.3V 220U	1	
C6050	ECQB1H223JH	P.CAPACITOR 50V 0.022U	1	
C6051	ECQV1H184JZ	P.CAPACITOR 50V 0.18U	1	
C6052	ECEA1HKR47	E.CAPACITOR 50V 0.47U	1	
C6054	ECEAOJK330	E.CAPACITOR 6.3V 33U	1	
C6055	ECUM1H180JCN	C.CAPACITOR CH 50V 18P	1	
C6056	ECEA1AK470	E.CAPACITOR 10V 47U	1	
C6058	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6059	ECEA1HK4R7	E.CAPACITOR 50V 4.7U	1	
C6060	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C6062	ECEA1HK3R3	E.CAPACITOR 50V 3.3U	1	
C6065	ECEA1CK101	E.CAPACITOR 16V 100U	1	
C6066	ECA1JM330	E.CAPACITOR 63V	1	
C7003-05	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	3	
C7006	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7007	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7008	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7013	ECEAOJK221	E.CAPACITOR 6.3V 220U	1	
C7014	EECS5R5T224N	E.CAPACITOR 5.5V 0.22U	1	
C7018	ECEAOJKS101	E.CAPACITOR 6.3V 100U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C7019	ECEAOJK470	E.CAPACITOR 6.3V 47U	1	
C7020,21	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7302	ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7303	ECQV1H393JZ	P.CAPACITOR 50V 0.039U	1	
C7304	ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7305	ECQV1H473JZ	P.CAPACITOR 50V 0.047U	1	
C7306	ECQB1H102KZ	P.CAPACITOR 50V 1000P	1	
C7307	ECQB1H822KZ	P.CAPACITOR 50V 8200P	1	
C7308	ECQB1H102KZ	P.CAPACITOR 50V 1000P	1	
C7309	ECQB1H152JH	P.CAPACITOR 50V 1500P	1	
C7310	ECEA16M10	E.CAPACITOR 16V	1	
C7311	ECEA50MR47	E.CAPACITOR	1	
C7312	ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7313	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7314	ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7315	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7316	ECQV1H224JZ	P.CAPACITOR 50V 0.22U	1	
C7317	ECEA1CK101	E.CAPACITOR 16V 100U	1	
C7318	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7319	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7320,21	ECEA1CK100	E.CAPACITOR 16V 10U	2	
C7323,24	ECQV1H393JZ	P.CAPACITOR 50V 0.039U	2	
C7331	ECQV1H474JZ	P.CAPACITOR 50V 0.47U	1	
C7332,33	ECUM1H102ZFN	C.CAPACITOR CH 50V 1000P	2	
C7334	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7335	ECFA1CK470	E.CAPACITOR 16V 47U	1	
C7336	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7337	ECUM1H680JCN	C.CAPACITOR CH 50V 68P	1	
C7339	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7340	ECUM1H390JPN	C.CAPACITOR CH 50V 39P	1	
C7341	ECUM1H070DCN	C.CAPACITOR CH 50V 7P	1	
C7342	ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C7343	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7345	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7346	ECUM1H390JPN	C.CAPACITOR CH 50V 39P	1	
C7347	ECUM1H070DCN	C.CAPACITOR CH 50V 7P	1	
C7348	ECQV1H393JZ	P.CAPACITOR 50V 0.039U	1	
C7349,50	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	2	
C7351,52	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7353	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7354	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7355	ECEA1CK470	E.CAPACITOR 16V 47U	1	
C7356,57	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	2	
C7358	ECUM1H121JCN	C.CAPACITOR CH 50V 120P	1	
C7359	ECUM1H100DCN	C.CAPACITOR CH 50V 10P	1	
C7651	ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7653	ECQB1H392J	P.CAPACITOR 50V 3900P	1	
C7654	ECQB1H103J	P.CAPACITOR 50V 0.01U	1	
C7655,56	ECEA1HK010	E.CAPACITOR 50V 1U	2	
C7657	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7658	ECQP1562JZ	P.CAPACITOR 100V 5600P	1	
C7659	ECQB1H272J	P.CAPACITOR 50V 2700P	1	
C7661	ECQV1H104JZ	P.CAPACITOR 50V 0.1U	1	
C7662	ECQV1H683JZ	P.CAPACITOR 50V 0.068U	1	
C7663	ECQV1H823JZ	P.CAPACITOR 50V 0.082U	1	
C7664	ECQB1H273JH	P.CAPACITOR 50V 0.027U	1	
C7665,66	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7667	ECFA1HKA100	E.CAPACITOR 50V 10U	1	
C7670,71	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7673	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7675	ECEA1HKN010	E.CAPACITOR 50V 1U	1	
C7676,77	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7678	ECEA1CK100	E.CAPACITOR 16V 10U	1	
C7680	ECEA1HK010	E.CAPACITOR 50V 1U	1	
C7681	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
		DIODES		
D301	MA4091	DIODE	1	
D305	1SS254	DIODE	1	
D710	MA3100L	DIODE	1	
D773	MA151K	DIODE	1	
D801	MA723VT	DIODE	1	(VT)
D802.03	1SS254	DIODE	2	
D804	MA723VT	DIODE	1	(VT)

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
D806		1SS254	DIODE	1	
D2001-04		1SS254	DIODE	4	
D2005		ERA15-01	DIODE	1	
D2006		AK04	DIODE	1	
D2007		MA151K	DIODE	1	
D2009,10		MA723VT	DIODE	2	(VT)
D2011,12		1SS254	DIODE	2	
D2013		MA73	DIODE	1	
D3001		MA151WA	DIODE	1	
D3003,04		1SS254	DIODE	2	
D3006		11EQS04	DIODE	1	
D3010-12		1SS254	DIODE	3	
D3013		MA151K	DIODE	1	
D3101		1SS254	DIODE	1	
D4003		MA73	DIODE	1	
D4004		1SS254	DIODE	1	
D4005		MA73	DIODE	1	
D4050,51		MA73	DIODE	2	
D4052		ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
D4501-04		MA151K	DIODE	4	
D4602		MA151K	DIODE	1	
D6002-05		1SS254	DIODE	4	
D6006		SV03YS	DIODE	1	
D6009		MA723VT	DIODE	1	(VT)
D6011-14		1SS254	DIODE	4	
D6015		MA151WA	DIODE	1	
D6016		1SS254	DIODE	1	
D7001,02		MA723VT	DIODE	2	(VT)
D7303		MA28WA	DIODE	1	
D7304		MA3100L	DIODE	1	
D7601		MA151A	DIODE	1	
D7602		MA3082M	DIODE	1	
			DELAYS		
DL801		EFDUN124A13N	DELAY	1	
DL802		EFDWF124A13A	DELAY	1	
			FILTERS		
FL301		VLF0727	FILTER	1	
FL801		ELB4H060	FILTER	1	
FL4501		VLF0947	FILTER	1	
			INTEGRATED CIRCUITS		
IC301		MSM6965-3RS	IC	1	
IC302		VEFH14D	HIC	1	
IC701		M51366SP	IC	1	
IC801		M52063SP	IC	1	
IC802		M52065FP	IC	1	
IC2001		UPC358G2	IC	1	
IC2002		XRA6435S	IC	1	
IC3101		BA7004	IC	1	
IC3902		BA7604N	IC	1	
IC4001		RC4558D	IC	1	
IC4501		BH7770KS	IC	1	
IC4601		BA7755AF	IC	1	
IC6001		MN67431VREH	IC	1	
IC6002		SI-3090CA	IC	1	
IC6003		UPC358G2	IC	1	
IC6004		PST591D	IC	1	
IC7001		M66006FP	IC	1	
IC7301		TDA3803A	IC	1	
IC7302		TA8721SN	IC	1	
IC7303		TA8710S	IC	1	
IC7651		AN5421N	IC	1	
IC7652		AN5043	IC	1	
IC7653		MN40668S	IC	1	
			CONNECTORS		
J3901		VEJ1222		1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
			COILS		
L301-04		ELESQ101KA	COIL 100UH	4	
L305		ELESP560KA	COIL 56UH	1	
L306		ELESP680KA	COIL 68UH	1	
L701,02		ELESP680KA	COIL 68UH	2	
L711		ELQT1R2KB	COIL 1.2UH	1	
L713		VLQ0305JR56	COIL 0.56UH	1	
L714		VLQ0305J1R2	COIL 1.2UH	1	
L715		VLQ0213K680	COIL 68UH	1	
L717,18		ELESP680KA	COIL 68UH	2	
L719		ELESP5R6KA	COIL 5.6UH	1	
L720		ELESP680KA	COIL 68UH	1	
L781		ELESP680KA	COIL 68UH	1	
L801		ELESP560JA	COIL 56UH	1	
L802		ELESP270KA	COIL 27UH	1	
L803		ELESQ101KA	COIL 100UH	1	
L804		VLQ0188K150	COIL 15UH	1	
L805,06		ELESQ150KA	COIL 15UH	2	
L807		VLQ0188K150	COIL 15UH	1	
L808		ELESQ101KA	COIL 100UH	1	
L809		VLQ0188K101	COIL 100UH	1	
L810-12		ELESQ101KA	COIL 100UH	3	
L2001		ELESP102KA	COIL 1MH	1	
L2002,03		VLP0083	FILTER	2	
L3001		ELESQ101KA	COIL 100UH	1	
L3004		ELESQ101KA	COIL 100UH	1	
L3009		ELESP820KA	COIL 82UH	1	
L3011		ELESP151KA	COIL 150UH	1	
L3012		ELESP270KA	COIL 27UH	1	
L3013		ELESQ101KA	COIL 100UH	1	
L3015		ELESP6R8JA	COIL 6.8UH	1	
L3016		ELESP5R6JA	COIL 5.6UH	1	
L3017		ELESQ101KA	COIL 100UH	1	
L3018		ELESP120KA	COIL 12UH	1	
L3019		ELESQ101KA	COIL 100UH	1	
L3101		ELESQ101KA	COIL 100UH	1	
L3905		ELESQ101KA	COIL 100UH	1	
L4001,02		ELESQ101KA	COIL 100UH	2	
L4003		ELESP471KA	COIL 470UH	1	
L4501,02		ELESQ101KA	COIL 100UH	2	
L4601		VLQELO7F153J	COIL 15MH	1	
L6003		ELESQ101KA	COIL 100UH	1	
L6004		VLP0074	COIL	1	
L7001,02		ELESP1R0KA	COIL 1UH	2	
L7003-05		ELESQ101KA	COIL 100UH	3	
L7006		VLP0085	FILTER	1	
L7007		ELESQ101KA	COIL 100UH	1	
L7301		ELESP102KA	COIL	1	
			CONNECTORS		
P201		VJS1232T	CONNECTOR (FEMALE)	1	
P501		VJP0171T	CONNECTOR	1	
P551		VJS1235T	CONNECTOR (FEMALE)	1	
P1001		VJP1237T	CONNECTOR (MALE) 10P	1	
P1001		VJS1237T	CONNECTOR (FEMALE)	1	
P1101		VJS1237T	CONNECTOR (FEMALE)	1	
P2001		VJP1232T	CONNECTOR (MALE) 5P	1	
P2001		VJS1232T	CONNECTOR (FEMALE)	1	
P2002		VJS3193A015A	CONNECTOR (FEMALE)	1	
P3001		VJP1251T	CONNECTOR (MALE) 11P	1	
P3001		VJS1238T	CONNECTOR (FEMALE)	1	
P3901		VJP1247T	CONNECTOR (MALE) 7P	1	
P3901		VJS1234T	CONNECTOR (FEMALE)	1	
P4001		VJS2331	CONNECTOR (FEMALE)	1	
P4002		VJP1235T	CONNECTOR (MALE) 8P	1	
P4002		VJS1235T	CONNECTOR (FEMALE)	1	
P4003		VJP1234T	CONNECTOR (MALE) 7P	1	
P4003		VJS1234T	CONNECTOR (FEMALE)	1	
P4004		VJP1230T	CONNECTOR (MALE) 3P	1	
P4004		VJS1230T	CONNECTOR (FEMALE)	1	
P6001		VJS3193A013A	CONNECTOR (FEMALE)	1	
P6002		VJS3147	CONNECTOR (FEMALE)	1	
P6005		VJP1511T	CONNECTOR (MALE)	1	
P6005		VJS1238T	CONNECTOR (FEMALE)	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P7401	VJS3193A020A	CONNECTOR (FEMALE)	1	
P7402	VJS3193A014A	CONNECTOR (FEMALE)	1	
P7505	VJS1931T	CONNECTOR (FEMALE)	1	
PP3005	VJP3042A016W	CONNECTOR (MALE)	1	
PP3006	VJP3042A012W	CONNECTOR (MALE)	1	
PP7401-03	VJP3043A005W	CONNECTOR (MALE)	3	
PP7404,05	VJP3043A006W	CONNECTOR (MALE)	2	
PS701-03	VJS3043B005W	CONNECTOR (FEMALE)	3	
PS704	VJS3043B006W	CONNECTOR (FEMALE)	1	
PS3951	VJS3042B016W	CONNECTOR (FEMALE)	1	
PS3952	VJS3042F012W	CONNECTOR (FEMALE)	1	
PS4001	VJP3186A018	CONNECTOR (MALE)	1	
PS4001	VJS3186B018	CONNECTOR (FEMALE)	1	
PS4002	VJP3186A018	CONNECTOR (MALE)	1	
PS4002	VJS3186B018	CONNECTOR (FEMALE)	1	
PS4003	VJP3186A018	CONNECTOR (MALE)	1	
PS4003	VJS3186B018	CONNECTOR (FEMALE)	1	
PS7301,02	VJR0477	PACK PIN	2	
		TRANSISTORS		
Q301	MSC2295	TRANSISTOR	1	
Q303	MSB709	TRANSISTOR	1	
Q703	2SD601-S	TRANSISTOR	1	(S,T)
Q710	2SC1047	TRANSISTOR	1	
Q712	2SD638	TRANSISTOR	1	
Q771	2SD601-S	TRANSISTOR	1	(S,T)
Q772	2SD601-S	TRANSISTOR CHIP	1	(S,T)
Q801	MSC2295	TRANSISTOR	1	
Q802,03	MSD601	TRANSISTOR	2	
Q805	MSD601	TRANSISTOR	1	
Q3001	MSD601	TRANSISTOR	1	
Q3003	MSB710-R	TRANSISTOR	1	
Q3004	2SB1320	TRANSISTOR	1	
Q3006	MSD601	TRANSISTOR	1	
Q3008	MSC2295	TRANSISTOR	1	
Q3009	MSB709	TRANSISTOR	1	
Q3010,11	MSC2295	TRANSISTOR	2	
Q3013	MSD601	TRANSISTOR	1	
Q3014	MSB709	TRANSISTOR	1	
Q3101	2SC3311-S	TRANSISTOR	1	
Q4001	MSB710-R	TRANSISTOR	1	
Q4003	2SD602A-R	TRANSISTOR	1	
Q4501	2SD655	TRANSISTOR	1	
Q4551	2SB561	TRANSISTOR	1	
Q4601	MSD1328	TRANSISTOR	1	
Q6001	MSD602	TRANSISTOR	1	
Q6002-04	2SD1994-S	TRANSISTOR	3	(S)
Q6005	MSD601	TRANSISTOR	1	
Q6007	MSB709	TRANSISTOR	1	
Q6008	2SD1996	TRANSISTOR	1	
Q6009	2SB1378-R	TRANSISTOR	1	
Q6010	MSB710-R	TRANSISTOR	1	
Q6012	2SB1321-R	TRANSISTOR	1	
Q6013,14	MSD601	TRANSISTOR	2	
Q7301	MSD601-ST	TRANSISTOR	1	
Q7304,05	MSD601	TRANSISTOR	2	
Q7306	2SC2404-C	TRANSISTOR CHIP	1	(C,D)
Q7307	2SD1328	TRANSISTOR	1	
		COMBINATION PARTS		
QR301,02	IMH5	TRANSISTOR-RESISTOR	2	
QR303	MRN1404	TRANSISTOR	1	
QR304	MRN1403	TRANSISTOR	1	
QR701,02	MRN1404	TRANSISTOR	2	
QR711,12	MRN1403	TRANSISTOR	2	
QR713	MRN1402	TRANSISTOR	1	
QR801	MRN2404	TRANSISTOR	1	
QR802	MRN1404	TRANSISTOR	1	
QR803	IMH6	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
QR2001,02	MRN2404	TRANSISTOR	2	
QR2003	MRN1407	TRANSISTOR	1	
QR2004	DTC114TK	TRANSISTOR-RESISTOR	1	
QR2005,06	MRN1404	TRANSISTOR	2	
QR3001	MRN2402	TRANSISTOR	1	
QR3006	MRN2402	TRANSISTOR	1	
QR3009	DTC363EK	COMBI.TR-R	1	
QR3010	DTC363EK	TRANSISTOR-RESISTOR	1	
QR3012	MRN1403	TRANSISTOR	1	
QR4001	MRN1404	TRANSISTOR	1	
QR4002,03	MRN2402	TRANSISTOR	2	
QR4004,05	MRN1404	TRANSISTOR	2	
QR4006	DTC363EK	COMBI.TR-R	1	
QR4508,09	MRN2404	TRANSISTOR	2	
QR4510	MRN1403	TRANSISTOR	1	
QR4602	MRN2402	TRANSISTOR	1	
QR4603	MRN1404	TRANSISTOR	1	
QR6001	UN221K	TRANSISTOR	1	
QR6002,03	MRN1403	TRANSISTOR	2	
QR6004	MRN2404	TRANSISTOR	1	
QR6005	UN2119	TRANSISTOR-RESISTOR	1	
QR6006	MRN2404	TRANSISTOR	1	
QR6007	UN2119	TRANSISTOR-RESISTOR	1	
QR6008	MRN1402	TRANSISTOR	1	
QR6009	MRN1404	TRANSISTOR	1	
QR6012	MRN1403	TRANSISTOR	1	
QR6013	MRN1404	TRANSISTOR	1	
QR6015,16	MRN1404	TRANSISTOR	2	
QR6018	MRN1404	TRANSISTOR	1	
QR6020,21	MRN1404	TRANSISTOR	2	
QR6022	MRN2404	TRANSISTOR	1	
QR6025	MRN1404	TRANSISTOR	1	
QR6026	MRN2402	TRANSISTOR	1	
QR7001	MRN1402	TRANSISTOR	1	
QR7002	MRN1404	TRANSISTOR	1	
QR7003	UN2216	TRANSISTOR-RESISTOR	1	
QR7004	MRN2404	TRANSISTOR	1	
QR7301,02	MRN1404	TRANSISTOR	2	
QR7312-14	MRN1402	TRANSISTOR	3	
QR7315,16	MRN1404	TRANSISTOR	2	
QR7601	MRN1404	TRANSISTOR	1	
		RESISTORS		
R301	ERDS2TJ151	C.RESISTOR 1/4W 150	1	
R302	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R303	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R304	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R305,06	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R307	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R308	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R309-11	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	3	
R312	ERJ6GMYJ154	M.RESISTOR CH 1/10W 150K	1	
R313	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R316	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R317	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R319	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R321	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R712	ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R713	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R714	ERD2FCG330	C.RESISTOR 2W 33	1	
R715	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R716	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R717	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R718	ERJ6GEYJ754	M.RESISTOR CH 1/10W 750K	1	
R719	ERJ6GEYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R720	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R721	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R722	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R723	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1	
R724	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R725	ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R726	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R727	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R728	ERDS2TJ471	C.RESISTOR 1/4W 470	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R737	ERJ6GEYJ274	M.RESISTOR CH 1/10W 270K	1	
R738	ERJ6GEYJ334	M.RESISTOR CH 1/10W 330K	1	
R740	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R743	ERJ6GEYJ470	M.RESISTOR CH 1/10W 47	1	
R744	ERJ6GEYJ821	M.RESISTOR CH 1/10W 820	1	
R745	ERJ6GEYJ181	M.RESISTOR CH 1/10W 180	1	
R746	ERDS2TJ181	C.RESISTOR 1/4W 180	1	
R750	ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R751	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R756	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R758	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R772	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R773	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R774	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R781	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R782	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R792	ERDS2TJ120	C.RESISTOR 1/4W 12	1	
R795	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R799	ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R801	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R802	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R803	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R804	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R807,08	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	2	
R809,10	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R811	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R812	ERDS2TJ271	C.RESISTOR 1/4W 270	1	
R813,14	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R815	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R816,17	ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	2	
R818,19	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	2	
R820,21	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	2	
R822	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R823	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R824	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R825,26	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R827	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R828	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R829	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R830	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R831	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R832	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R833	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R834	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R835	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R836	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R838	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R840	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R841	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R843-45	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R846	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R847	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R848	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R849	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R850	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R2001,02	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	2	
R2003,04	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	2	
R2005	ERJ6GMYJ330	M.RESISTOR CH 1/10W 33	1	
R2006,07	ERDS2TJ560	C.RESISTOR 1/4W 56	2	
R2008	ERX12SJR47	M.RESISTOR 1/2W 0.47	1	
R2009	ERDS2TJ560	C.RESISTOR 1/4W 56	1	
R2010	ERJ6GMYG752	M.RESISTOR CH 1/10W 7.5K	1	
R2011	ERJ6GMYG622	M.RESISTOR CH 1/10W 6.2K	1	
R2012	ERJ6GMYG512	M.RESISTOR CH 1/10W 5.1K	1	
R2013	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R2015	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2016	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2018	ERJ6GMYG203	M.RESISTOR CH 1/10W 20K	1	
R2019,20	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R2050	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3001	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3002	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3003	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R3004	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3005,06	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3012	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R3013	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3014	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3016	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R3018	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3019	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3021	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3022	ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R3023	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R3025	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3028	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	1	
R3029,30	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	2	
R3031	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3032	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R3033	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3034	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3036	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R3037	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3039	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3040	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R3041,42	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	2	
R3043	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R3044	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3045	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R3046,47	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	2	
R3052	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3053	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3054	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3055	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R3056	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3058	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R3059	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3060	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3101	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R3102	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3103	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R3104	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3105	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3903,04	ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	2	
R3915	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R3930	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R4001	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4002	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4003	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R4004	ERJ6GMYG273	M.RESISTOR CH 1/10W 27K	1	
R4005	ERJ6GEYJ823	M.RESISTOR CH 1/10W 82K	1	
R4006	ERJ6GMYG683	M.RESISTOR CH 1/10W 68K	1	
R4007	ERJ6GMYG100	M.RESISTOR CH 1/10W 10	1	
R4013	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4016	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4018	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R4019	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4020	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4021	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4022	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4023	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4026	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4027	ERJ6GMYJ433	M.RESISTOR CH 1/10W 43K	1	
R4030	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R4501,02	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4503	VRE0071E36C	M.RESISTOR	1	
R4504,05	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	2	
R4506,07	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R4508	ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R4509	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R4510	ERJ6GEYJ621	M.RESISTOR CH 1/10W 620	1	
R4511	ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4512	VRE0034E163	M.RESISTOR CH 1/10W 16K	1	
R4513	ERJ3GEYG103	M.RESISTOR CH 1/16W 10K	1	
R4514	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4518,19	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	2	
R4522	ERJ6GEYJ225	M.RESISTOR CH 1/10W 2.2M	1	
R4527	VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R4528	VRE0034E153	M.RESISTOR CH 1/10W 15K	1	
R4529	ERJ6GEYG562	M.RESISTOR CH 1/10W 5.6K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4530	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R4534	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4535	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4539	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4540	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4541	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4542	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4543	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R4551,52	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	2	
R4553	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R4554	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R4558	ERJ6GEYG224	M.RESISTOR CH 1/10W 220K	1	
R4561	ERJ6GEYG303	M.RESISTOR CH 1/10W 30K	1	
R4562	VRE0034E10C	M.RESISTOR 1/10W	1	
R4563	ERJ3GEYG272	M.RESISTOR CH 1/16W 2.7K	1	
R4568	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R4569	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R4573	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4577	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4578	VRE0034E473	M.RESISTOR CH 1/10W 47K	1	
R4581	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4583	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R4584	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4585	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4586	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R4587,88	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	2	
R4591	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4592	ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	1	
R4593	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4594	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4603	ERJ3GEYG183	M.RESISTOR CH 1/16W 18K	1	
R4606	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4610	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4611,12	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	2	
R4613	ERJ6GEYJ394	M.RESISTOR CH 1/10W 390K	1	
R4615	ERJ6GEYJ133	M.RESISTOR CH 1/10W 13K	1	
R4616	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R4638	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R4649	ERJ3GEYG470	M.RESISTOR 1/16W 47	1	
R4651	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R4653	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4654	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4655	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4656	ERJ6GEYG243	M.RESISTOR CH 1/10W 24K	1	
R4657	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R4659	ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R4666	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R4903.04	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	2	
R4907.08	ERJ6GEYJ363	M.RESISTOR CH 1/10W 36K	2	
R6001	ERD2FCVC220	C.RESISTOR 2W 22	1	
R6002	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6003	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6004	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6005	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R6007	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6008	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6009	ERJ6GMYJ131	M.RESISTOR CH 1/10W 130	1	
R6010	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6011	ERG3SJ220	M.RESISTOR 3W 22	1	
R6014	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6016	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6017	ERJ6GMYJ201	M.RESISTOR CH 1/10W 200	1	
R6019	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R6020	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6021	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6022,23	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	2	
R6024	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6025	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6026	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6027	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6029	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R6030	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6031,32	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R6033	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R6034-37	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6038	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6039-42	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	4	
R6043	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6044,45	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R6047	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R6048	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6049	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6050,51	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	2	
R6052	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6053	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R6054	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6055	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6056	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6057	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R6058	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6059	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6060	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6061	ERJ6GMYG392	M.RESISTOR CH 1/10W 3.9K	1	
R6062,63	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R6064	ERJ6GMYG513	M.RESISTOR CH 1/10W 51K	1	
R6065-67	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	3	
R6068,69	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R6070,71	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R6072	ERJ6GMYJ824	M.RESISTOR CH 1/10W 820K	1	
R6073	ERJ6GMYJ563	M.RESISTOR CH 1/10W 56K	1	
R6074	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6075	ERJ6GMYJ271	M.RESISTOR CH 1/10W 270	1	
R6076	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R6077,78	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R6079	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6080	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6081	ERJ6GMYJ184	M.RESISTOR CH 1/10W 180K	1	
R6083	ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R6084	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6085	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6087	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6088	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6089	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R6090	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6093	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R6094	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6095	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6096	ERJ6GMYJ474	M.RESISTOR CH 1/10W 470K	1	
R6097	ERJ6GMYJ121	M.RESISTOR CH 1/10W 120	1	
R6098,99	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	2	
R6100	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R6101	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6102	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6103	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R6132	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7001	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7002	ERJ6GMYJ181	M.RESISTOR CH 1/10W 180	1	
R7003	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7004,05	ERJ6GMYJ750	M.RESISTOR CH 1/10W 75	2	
R7006,07	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	2	
R7008	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7009-11	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7012	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7014	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7302	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7303	ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7304	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7305	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7306	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7307	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7308	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R7309	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R7310	ERJ6GEYJ474	M.RESISTOR CH 1/10W 470K	1	
R7311	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7312	ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	1	
R7313	ERJ6GEYJ824	M.RESISTOR CH 1/10W 820K	1	
R7314,15	ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	2	
R7316	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7317	ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7318	ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R7321		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7322		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7323		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7324,25		ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	2	
R7329		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7330		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7334-37		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	4	
R7338		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7339		ERJ6GEYJ330	M.RESISTOR CH 1/10W 33	1	
R7340		ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7341		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R7342		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7345		ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7346		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7347		ERJ6GEYJ681	M.RESISTOR CH 1/10W 680	1	
R7348		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7349		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7351-53		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	3	
R7354,55		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R7356		ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7357		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R7358		ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R7651		ERDS2TJ332	C.RESISTOR 1/4W 3.3K	1	
R7654		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7655		ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7656		ERJ6GEYJ151	M.RESISTOR CH 1/10W 150	1	
R7657		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7658		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7659		ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7661		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7662		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7663		ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7664		ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7671,72		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R7673		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7674		ERJ6GEYJ124	M.RESISTOR CH 1/10W 120K	1	
R7675		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7676		ERG1SJ152	M.RESISTOR 1W 1.5K	1	
R7677		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R7678		ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R7679		ERDS2TJ100	C.RESISTOR 1/4W 10	1	
R7680		ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7681,82		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R7683		ERJ6GEYJ563	M.RESISTOR CH 1/10W 56K	1	
R7684		ERJ6GEYJ393	M.RESISTOR CH 1/10W 39K	1	
R7691		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7692		ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R7694		ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7695		ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R7696		ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
			SWITCHES		
SW3901		VSS0152	SWITCH	1	
			TRANSFORMERS		
T703		EIV5EC021A	TRANSFORMER	1	
T704		EIV5EC020A	TRANSFORMER	1	
T4001		EIQ7QF013Q	TRANSFORMER	1	
T7301		EIR7QG001B	IF TRANSFORMER	1	
T7302,03		EIL7QH012Q	TRANSFORMER	2	
T7304		EIS5EC023A	TRANSFORMER	1	
T7305		EIS5EC024A	TRANSFORMER	1	
T7306		EIS5EC020A	TRANSFORMER	1	
			VARIABLE RESISTORS		
VR301		EVTF6SA00B23	V.RESISTOR 2K	1	
VR701,02		EVNDRAA00B23	V.RESISTOR 2K	2	
VR741		EVNDRAA00B14	V.RESISTOR 10K	1	
VR801,02		EVTF6SA00B13	V.RESISTOR 1K	2	
VR803		EVTF6SA00B14	V.RESISTOR	1	
VR2001		EVNDXAA00B54	V.RESISTOR 50K	1	
VR2006		EVNDXAA00B15	V.RESISTOR 100K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
VR2011		EVNDXAA00B15	V.RESISTOR 100K	1	
VR3001		EVNDXAA00B23	V.RESISTOR 2K	1	
VR3012		EVTF6SA00B52	V.RESISTOR	1	
VR3013		EVNDXAA00B52	V.RESISTOR 500	1	
VR4002		EVNDXAA00B25	V.RESISTOR 200K	1	
VR4004		EVNDXAA00B53	V.RESISTOR 5K	1	
VR4501		EVMF1SA00B53	V.RESISTOR	1	
VR4502		EVMF6SA00B24	V.RESISTOR 20K	1	
VR4507		EVMF6SA00B24	V.RESISTOR 20K	1	
VR4509		EVMF1SA00BY3	V.RESISTOR	1	
VR4512		EVNDXAA00B52	V.RESISTOR 500	1	
VR4550		EVMF1SA00BS3	V.RESISTOR	1	
VR4551,52		EVMF6SA00B55	V.RESISTOR	2	
VR7301		EVMF6SA00B14	V.RESISTOR 10K	1	
VR7326		EVMF6SA00B52	V.RESISTOR	1	
VR7328		EVMF6SA00B52	V.RESISTOR	1	
VR7340		EVNE4AA00B14	V.RESISTOR 10K	1	
VR7342		EVNE4AA00B53	V.RESISTOR 5K	1	
VR7344		EVNE4AA00B14	V.RESISTOR 10K	1	
VR7660		EVN38CA00B23	V.RESISTOR 2K	1	
VR8001		EVNDXAA00B23	V.RESISTOR 2K	1	
			FILTERS		
X710		EFCH38MSP32	FILTER	1	
X711		EFCS5M65MW3B	FILTER	1	
X801		VSX0162	CRYSTAL OSCILLATOR	1	
X3101		VSX0099	CRYSTAL OSCILLATOR	1	
X6001		VSX0244	CRYSTAL OSCILLATOR	1	
X7001		VSQ0565	CRYSTAL OSCILLATOR	1	
X7302		EFCS6R0YS5R	CRYSTAL OSCILLATOR	1	
X7303,04		EFCS5R74MS5B	CRYSTAL OSCILLATOR	2	
X7305		ELB5A016	FILTER	1	
X7307		EFOA500K04B	CRYSTAL OSCILLATOR	1	
X7308		EFCS5R5MS5B	CRYSTAL OSCILLATOR	1	
X7309		EFCS6R5MS5	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VJP0004	WIRE SADDLE	1	
		VWJ14HW150BR	FLAT CARD CABLE	1	(P7401-P7501)
		VWJ0596A	FLAT CARD CABLE	1	(P7402-P7502)
		VWJ0589A	FLAT CARD CABLE	1	(P6001-P1504)
		VWJ0590A	FLAT CARD CABLE	1	(P2002-P006)
		VJH0617	ANT TERMINAL	1	
		ENC17988	RF CONVERTER	1	<!>
		VJP0974	FLAT CARD CLIP	1	
		VJR0160	PACK PIN 6P	1	FOR LUMI. & CHRO.
		VJR0163	PACK PIN 9P	1	FOR LUMI. & CHRO.
		VJR0130	PACK PIN 12P	1	FOR LUMI. & CHRO.
		ENV59827H3	TUNER	1	FOR TV DEMO. <!>
		VSC3242	SHIELD COVER (MAIN)	1	FOR TV DEMO. C.B.A.
		VSC3241	SHIELD COVER (TOP)	1	FOR TV DEMO. C.B.A.
		VSC2714	SHIELD COVER (BOTTOM)	1	FOR TV DEMO. C.B.A.
	■	VEP05170E	HEAD AMP C.B.A.		(NIA)
			CAPACITORS		
C501,02		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	2	
C503		ECUM1C105ZFN	C.CAPACITOR 16V 1U	1	
C504-08		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	5	
C509		ECUM1H332KBN	C.CAPACITOR CH 50V 3300P	1	
C510,11		ECUM1H104ZFN	C.CAPACITOR 50V	2	
C512		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C513		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C514		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C515,16		ECUM1C474ZFN	C.CAPACITOR 16V 0.47U	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C517,18		ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	2	
C519,20		ECUM1C474ZFN	C.CAPACITOR 16V 0.47U	2	
C521		ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C522		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C524		ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	1	
C526		VCEA0JAC221	E.CAPACITOR 6.3V 220U	1	
C540		ECEA1CK220	E.CAPACITOR 16V 22U	1	
C551		ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C552-54		ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	3	
C555		ECEA0JPK221	E.CAPACITOR 6.3V 220U	1	
C556,57		ECUM1H1032FN	C.CAPACITOR CH 50V 0.01U	2	
C558		ECEA0JPK470	E.CAPACITOR 6.3V 47U	1	
C559		ECUM1C1052FN	C.CAPACITOR 16V 1U	1	
C560,61		ECUM1H471KBN	C.CAPACITOR CH 50V 470P	2	
C562,63		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C564		ECUM1C105ZFN	C.CAPACITOR 16V 1U	1	
C565		ECUM1H101JCN	C.CAPACITOR CH 50V 100P	1	
C566		ECUM1H104ZFN	C.CAPACITOR 50V	1	
			INTEGRATED CIRCUITS		
IC501		AN3337NSB	IC	1	
IC551		BA7743FS	IC	1	
			COILS		
L501,02		VLQ0188K330	COIL 33UH	2	
L551,52		VLQ0188K330	COIL 33UH	2	
			CONNECTORS		
P501		VJP1394T	CONNECTOR (MALE)	1	
P502		VJS2603	CONNECTOR (FEMALE)	1	
P551		VJP1248T	CONNECTOR (MALE) 8P	1	
			RESISTORS		
R501		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R502		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R503		ERJ6GMYG752	M.RESISTOR CH 1/10W 7.5K	1	
R504		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R505		ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R507		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R508		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R509-12		ERJ6GMYJ470	M.RESISTOR CH 1/10W 47	4	
R517		ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R526		ERJ6GMYG133	M.RESISTOR CH 1/10W 13K	1	
R527		ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R529		ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R551		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R552		ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R553		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R554		ERJ6GMYJ243	M.RESISTOR CH 1/10W 24K	1	
R556		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R557		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R558		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R559,60		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	2	
R561		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R562		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R563		VRE0034E100	M.RESISTOR CH 1/10W 10	1	
R564		ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R565		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R566		ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R567		ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
			MISCELLANEOUS		
		VSC3477	SHIELD COVER (TOP)	1	
		VSC3478	SHIELD COVER (MAIN)	1	
		VSC3479	SHIELD COVER (BOTTOM)	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
	■	VEP07663J	TIMER C.B.A.		(NLA) NV-F55A
			CAPACITORS		
C7501		ECRHA030E41	TRIMMER 3P	1	
C7502-12		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	11	
C7513		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7514		ECEA0JKS101	E.CAPACITOR 6.3V 100U	1	
C7515		ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C7516		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C7517		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C7519		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C7520		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7521		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C7522		ECUM1H050DCN	C.CAPACITOR CH 50V 5P	1	
C7523		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C7524		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C7525		ECEA1HK220	E.CAPACITOR 50V 22U	1	
C7526		ECEA0JU221	E.CAPACITOR 6.3V 220U	1	
C7527		ECEA1VU100	E.CAPACITOR 35V 10U	1	
C7528		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7529		ECEA1CU101	E.CAPACITOR 16V 100U	1	
C7533		ECUM1H821KBN	C.CAPACITOR CH 50V 820P	1	
C7534		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7535		ECEA0JKS330	E.CAPACITOR 6.3V 33U	1	
C7536		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C7537		ECUM1H223ZFN	C.CAPACITOR 50V 0.022U	1	
C7538,39		ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	2	
C7540		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C7541		ECKD2H471KB	C.CAPACITOR 500V 470P	1	
C7547		ECUM1C224ZFN	C.CAPACITOR 16V 0.22U	1	
C7550		ECCF1H560KC	C.CAPACITOR 50V 56P	1	
			DIODES		
D7503		MA73	DIODE	1	
D7508		MA73	DIODE	1	
D7511-17		MA73	DIODE	7	
D7520,21		LN28RCPPV	DIODE	2	
D7523		SB05-05CP-TB	DIODE	1	
D7524		MA185	DIODE	1	
D7525		MA3075	DIODE	1	
D7526		MA4300H	DIODE	1	
D7533,34		MA73	DIODE	2	
D7538		MA73	DIODE	1	
D7541-43		MA73	DIODE	3	
D7546		MA73	DIODE	1	
D7548,49		1SS254	DIODE	2	
D7551		1SS254	DIODE	1	
			DISPLAY TUBES		
DP7501		VSLD214	DISPLAY TUBE	1	
			INTEGRATED CIRCUITS		
IC7501		MN187164V1GT	IC	1	
IC7502		M6M80021P	IC	1	
IC7503		MN1280S	IC	1	(S)
IC7504		MN1280L	IC	1	
IC7505		BA6810S	IC	1	
			COILS		
L7501		ELESP221KA	COIL 220UH	1	
L7503		ELESQ101KA	COIL 100UH	1	
			CONNECTORS		
P7501		VJS3193B020A	CONNECTOR (FEMALE)	1	
P7502		VJS3193B014A	CONNECTOR (FEMALE)	1	
P7504		VJP3084A008	CONNECTOR (MALE)	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
P7505		VJP1929T	CONNECTOR (MALE)	1	
P7509		VJS3255	CONNECTOR (FEMALE)	1	
			TRANSISTORS		
Q7502		2SD973B-R	TRANSISTOR	1	
			COMBINATION PARTS		
QR7504		MRN1404	TRANSISTOR	1	
QR7506,07		MRN2403	TRANSISTOR-RESISTOR	2	
QR7508		MRN2402	TRANSISTOR	1	
			RESISTORS		
R7515		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7516		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R7518		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R7519		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7520-22		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7524		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7525-27		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7528		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7533		ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R7534		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R7535		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7536		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7537		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7538		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7539		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R7540,41		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	2	
R7542		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7543		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7544-46		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7547		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7548		ERJ6GMYG331	M.RESISTOR CH 1/10W 330	1	
R7549		VRE0034E332	M.RESISTOR CH 1/10W 3.3K	1	
R7550		ERJ6GMYG271	M.RESISTOR CH 1/10W 270	1	
R7551		VRE0034E332	M.RESISTOR CH 1/10W 3.3K	1	
R7552		ERJ6GMYG331	M.RESISTOR CH 1/10W 330	1	
R7553		ERJ6GMYG271	M.RESISTOR CH 1/10W 270	1	
R7554		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R7555		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7556		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7557		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R7558		ERJ6GMYG223	M.RESISTOR CH 1/10W 22K	1	
R7559-61		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	3	
R7562		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7573-77		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	5	
R7578		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7579		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7580		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7581		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7582		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7584		ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
			COMBINATION PARTS		
RX7501,02		EXBF6E104J	RESISTOR-RESISTOR	2	
RX7503		EXBF8E104J	COMBI.R-R	1	
			SWITCHES		
SW7501		ESD170206	SWITCH	1	
SW7503		ESD170206	SWITCH	1	
SW7504,05		ESD170306	SWITCH	2	
SW7506		ESD170206	SWITCH	1	
			TRANSFORMERS		
TR7501		VLT0656	TRANSFORMER	1	
			VARIABLE RESISTORS		
VR7502		EVUF3AE15B24	V.RESISTOR	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
VR7503		EWANYJX0554J	V.RESISTOR	1	
			CRYSTAL OSCILLATORS		
X7501		VSX0484	CRYSTAL OSCILLATOR	1	
X7502		VSX0094	CRYSTAL OSCILLATOR	1	
			MISCELIANEOUS		
		VJF0815	FIP HOLDER	1	
		VGU5739	SWITCH KNOB	5	
		VEK5788	IR RECEIVER UNIT	1	(NLA)
		VMD1487	LED HOLDER	1	
		VGJ3436	REC VR KNOB	2	
		VYC0513	REC VR COVER	1	
	■	VEP07663K	TIMER C.B.A.		(NLA) NV-F55EA
			CAPACITORS		
C7501		ECRHA030E41	TRIMMER 3P	1	
C7502-12		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	11	
C7513		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7514		ECEA0JKS101	E.CAPACITOR 6.3V 100U	1	
C7515		ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C7516		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C7517		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C7519		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C7520		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7521		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C7522		ECUM1H050DCN	C.CAPACITOR CH 50V 5P	1	
C7523		ECEA0JKZ21	E.CAPACITOR 6.3V 220U	1	
C7524		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C7525		ECEA1HK220	E.CAPACITOR 50V 22U	1	
C7526		ECEA0JU221	E.CAPACITOR 6.3V 220U	1	
C7527		ECEA1VU100	E.CAPACITOR 35V 10U	1	
C7528		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7529		ECEA1CU101	E.CAPACITOR 16V 100U	1	
C7533		ECUM1H821KBN	C.CAPACITOR CH 50V 820P	1	
C7534		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7535		ECEA0JKS330	E.CAPACITOR 6.3V 33U	1	
C7536		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C7537		ECUM1H223ZFN	C.CAPACITOR 50V 0.022U	1	
C7538,39		ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	2	
C7540		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C7541		ECKD2H471KB	C.CAPACITOR 500V 470P	1	
C7547		ECUM1C224ZFN	C.CAPACITOR 16V 0.22U	1	
C7550		ECCF1H560KC	C.CAPACITOR 50V 56P	1	
			DIODES		
D7503		MA73	DIODE	1	
D7508		MA73	DIODE	1	
D7511-17		MA73	DIODE	7	
D7518		LN28RCPPV	DIODE	1	
D7520.21		LN28RCPPV	DIODE	2	
D7523		SB05-05CP-TB	DIODE	1	
D7524		MA185	DIODE	1	
D7525		MA3075	DIODE	1	
D7526		MA4300H	DIODE	1	
D7533,34		MA73	DIODE	2	
D7538		MA73	DIODE	1	
D7541-43		MA73	DIODE	3	
D7546		MA73	DIODE	1	
D7548,49		1SS254	DIODE	2	
D7551		1SS254	DIODE	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
			DISPLAY TUBES		
DP7501		VSL0214	DISPLAY TUBE	1	
			INTEGRATED CIRCUITS		
IC7501		MN187164VLGT	IC	1	
IC7502		M6M80021P	IC	1	
IC7503		MN1280S	IC	1	(S)
IC7504		MN1280L	IC	1	
IC7505		BA6810S	IC	1	
			COILS		
L7501		ELESP221KA	COIL 220UH	1	
L7503		ELESQ101KA	COIL 100UH	1	
			CONNECTORS		
P7501		VJS3193B020A	CONNECTOR (FEMALE)	1	
P7502		VJS3193B014A	CONNECTOR (FEMALE)	1	
P7504		VJP3084A008	CONNECTOR (MALE)	1	
P7505		VJP1930T	CONNECTOR (MALE)	1	
P7509		VJS3255	CONNECTOR (FEMALE)	1	
			TRANSISTORS		
Q7502		2SD973B-R	TRANSISTOR	1	
			COMBINATION PARTS		
QR7504		MRN1404	TRANSISTOR	1	
QR7506,07		MRN2403	TRANSISTOR-RESISTOR	2	
QR7508		MRN2402	TRANSISTOR	1	
			RESISTORS		
R7515		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7516		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R7518		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R7519		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7520-22		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7524		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7525-27		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7528		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7533		ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R7534		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R7535		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7536		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7537		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7538		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7539		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R7540,41		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	2	
R7542		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7543		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7544-46		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7547		ERJ6GMYJ8Z2	M.RESISTOR CH 1/10W 8.2K	1	
R7548		ERJ6GMYG331	M.RESISTOR CH 1/10W 330	1	
R7549		VRE0034E332	M.RESISTOR CH 1/10W 3.3K	1	
R7550		ERJ6GMYG271	M.RESISTOR CH 1/10W 270	1	
R7551		VRE0034E332	M.RESISTOR CH 1/10W 3.3K	1	
R7552		ERJ6GMYG331	M.RESISTOR CH 1/10W 330	1	
R7553		ERJ6GMYG271	M.RESISTOR CH 1/10W 270	1	
R7554		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R7555		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7556		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7557		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R7558		ERJ6GMYGZ23	M.RESISTOR CH 1/10W 22K	1	
R7559-61		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	3	
R7562		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7573-77		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	5	
R7578		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7579		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7580		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7581		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7582		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R7584		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
			COMBINATION PARTS		
RX7501,02		EXBF6E104J	RESISTOR-RESISTOR	2	
RX7503		EXBF8E104J	COMBI.R-R	1	
			SWITCHES		
SW7501,02		ESD170206	SWITCH	2	
SW7503-05		ESD170306	SWITCH	3	
SW7506		ESD170206	SWITCH	1	
			TRANSISTORS		
TR7501		VLT0656		1	
			VARIABLE RESISTORS		
VR7502		EVUF3AE15B24	V.RESISTOR	1	
VR7503		EWANYJX0554J	V.RESISTOR	1	
			CRYSTAL OSCILLATORS		
X7501		VSX0484	CRYSTAL OSCILLATOR	1	
X7502		VSX0094	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VJF0815	FIP HOLDER	1	
		VGU5739	SWITCH KNOB	6	
		VEK5788	IR RECEIVER UNIT	1	(NLA)
		VMD1487	LED HOLDER	1	
		VGU3436	REC VR KNOB	2	
		VYC0513	REC VR COVER	1	
	■	VEP07663L	TIMER C.B.A.		(NLA) NV-F55EE
			CAPACITORS		
C7501		ECRHA030E41	TRIMMER 3P	1	
C7502-12		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	11	
C7513		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7514		ECEA0JKS101	E.CAPACITOR 6.3V 100U	1	
C7515		ECEA0JKS470	E.CAPACITOR 6.3V 47U	1	
C7516		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C7517		ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C7518		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C7519		ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C7520		ECUM1H330JCN	C.CAPACITOR CH 50V 33P	1	
C7521		ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C7522		ECUM1H050DCN	C.CAPACITOR CH 50V 5P	1	
C7523		ECEA0JK221	E.CAPACITOR 6.3V 220U	1	
C7524		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C7525		ECEA1HK220	E.CAPACITOR 50V 22U	1	
C7526		ECEA0JU221	E.CAPACITOR 6.3V 220U	1	
C7527		ECEA1VU100	E.CAPACITOR 35V 10U	1	
C7528		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7529		ECEA1CU101	E.CAPACITOR 16V 100U	1	
C7533		ECUM1H821KBN	C.CAPACITOR CH 50V 820P	1	
C7534		ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7535		ECEA0JKS330	E.CAPACITOR 6.3V 33U	1	
C7536		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C7537		ECUM1H223ZFN	C.CAPACITOR 50V 0.022U	1	
C7538,39		ECEA1EKS4R7	E.CAPACITOR 25V 4.7U	2	
C7540		ECUM1H104ZFN	C.CAPACITOR 50V	1	
C7541		ECKD2H471KB	C.CAPACITOR 500V 470P	1	
C7547		ECUM1C224ZFN	C.CAPACITOR 16V 0.22U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C7550		ECCF1H560KC	C.CAPACITOR 50V 56P	1	
			DIODES		
D7501		MA73	DIODE	1	
D7503		MA73	DIODE	1	
D7508		MA73	DIODE	1	
D7511-17		MA73	DIODE	7	
D7519		LN48YCPPV	DIODE	1	
D7520,21		LN28RCPPV	DIODE	2	
D7523		SB05-05CP-TB	DIODE	1	
D7524		MA185	DIODE	1	
D7525		MA3075	DIODE	1	
D7526		MA4300H	DIODE	1	
D7533,34		MA73	DIODE	2	
D7538		MA73	DIODE	1	
D7541,42		MA73	DIODE	2	
D7544		MA73	DIODE	1	
D7546		MA73	DIODE	1	
D7548,49		1SS254	DIODE	2	
D7551		1SS254	DIODE	1	
			DISPLAY TUBES		
DP7501		VSLO214	DISPLAY TUBE	1	
			INTETGRATED CIRCUITS		
IC7501		MN187164VLGT	IC	1	
IC7502		M6M80021P	IC	1	
IC7503		MN1280S	IC	1	(S)
IC7504		MN1280L	IC	1	
IC7505		BA6810S	IC	1	
			COILS		
L7501		ELESP221KA	COIL 220UH	1	
L7503		ELESQ101KA	COIL 100UH	1	
			CONNECTORS		
P7501		VJS3193B020A	CONNECTOR (FEMALE)	1	
P7502		VJS3193B014A	CONNECTOR (FEMALE)	1	
P7504		VJP3084A008	CONNECTOR (MALE)	1	
P7505		VJP1929T	CONNECTOR (MALE)	1	
P7509		VJS3255	CONNECTOR (FEMALE)	1	
			TRANSISTORS		
Q7502		2SD973B-R	TRANSISTOR	1	
			COMBINATION PARTS		
QR7501		UN2216	TRANSISTOR-RESISTOR	1	
QR7504		MRN1404	TRANSISTOR	1	
QR7506,07		MRN2403	TRANSISTOR-RESISTOR	2	
QR7508		MRN2402	TRANSISTOR	1	
			RESISTORS		
R7513		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R7515		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7516		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R7518		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R7519		ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7520-22		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7524		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7525-27		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7528		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7533		ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R7534		ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R7535		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7536		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7537		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7538		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R7539		ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R7540,41		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	2	
R7542		ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7543		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7544-46		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7547		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7548		ERJ6GMYG331	M.RESISTOR CH 1/10W 330	1	
R7549		VRE0034E332	M.RESISTOR CH 1/10W 3.3K	1	
R7550		ERJ6GMYG271	M.RESISTOR CH 1/10W 270	1	
R7551		VRE0034E332	M.RESISTOR CH 1/10W 3.3K	1	
R7552		ERJ6GMYG331	M.RESISTOR CH 1/10W 330	1	
R7553		ERJ6GMYG271	M.RESISTOR CH 1/10W 270	1	
R7554		ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	1	
R7555		ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7556		ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7557		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R7558		ERJ6GMYG223	M.RESISTOR CH 1/10W 22K	1	
R7559-61		ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	3	
R7562		ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7573-77		ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	5	
R7578		ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7579		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7580		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7581		ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7582		ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R7584		ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
			COMBINATION PARTS		
RX7501,02		EXBF6E104J	RESISTOR-RESISTOR	2	
RX7503		EXBF8E104J	COMBI.R-R	1	
			SWITCHES		
SW7501		ESD170206	SWITCH	1	
SW7503		ESD170206	SWITCH	1	
SW7504,05		ESD170306	SWITCH	2	
SW7506		ESD170206	SWITCH	1	
			TRANSFORMERS		
TR7501		VLT0656		1	
			VARIABLE RESISTORS		
VR7502		EVUF3AE15B24	V.RESISTOR	1	
VR7503		EWANYJX0554J	V.RESISTOR	1	
			CRYSTAL OSCILLATORS		
X7501		VSX0484	CRYSTAL OSCILLATOR	1	
X7502		VSX0094	CRYSTAL OSCILLATOR	1	
			MISCELLANEOUS		
		VJF0815	FIP HOLDER	1	
		VGU5739	SWITCH KNOB	5	
		VEK5788	IR RECEIVER UNIT	1	(NLA)
		VMD1487	LED HOLDER	1	
		VGU3436	REC VR KNOB	2	
		VYC0513	REC VR COVER	1	
	■	VEP0678QA	OPERATION C.B.A.		(NLA)
			CAPACITORS		
C6506		ECQV1H124JZ	P.CAPACITOR 50V 0.12U	1	
C6508		ECEA1EKS3R3	E.CAPACITOR 25V 3.3U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C6509		ECEA1CKK100	E.CAPACITOR 16V 10U	1	
C6510		ECEA1AKS330	E.CAPACITOR 10V 33U	1	
			DIODES		
D6501		LN28RCPX2	DIODE	1	
			INTEGRATED CIRCUITS		
IC6502		VCR0172	IC	1	
			CONNECTORS		
J6301		VJJ0274	MIC JACK	1	
P6501		VJP3084A008	CONNECTOR (MALE)	1	
PP6502		VJS3042B004W	CONNECTOR (FEMALE)	1	
PS6502		VJP3042A004W	CONNECTOR (MALE)	1	
			RESISTORS		
R6501		ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
			SWITCHES		
SW6501.02		EVQ11407K	SWITCH	2	
			MISCELLANEOUS		
		VMX2030	LED SPACER	1	
	■	VEP01487C	POWER C.B.A.		(NLA)<!> NV-F55A
			CAPACITORS		
C1102		ECQU2A104MN	P.CAPACITOR 250V 0.01U	1	<!>
C1103		ECES2GG680AA	E.CAPACITOR 400V 68U	1	
C1106		VCC0019	C.CAPACITOR 330P	1	<!>
C1107		ECQE6473KF	P.CAPACITOR 50V	1	
C1108		VCK0106K121	CAPACITOR	1	
C1109		ECA1VXLV470	E.CAPACITOR 35V	1	
C1110		ECA1CXLV331	E.CAPACITOR 16V 330U	1	
C1111		ECEA1JFE470	E.CAPACITOR 63V 47U	1	
C1112		ECEA1CFE560	E.CAPACITOR 16V 56U	1	
C1113,14		ECEA1DFZ681	E.CAPACITOR 20V 680U	2	
C1115,16		ECEA1AFZ681	E.CAPACITOR 10V 680U	2	
C1117		ECQB1H103JF	P.CAPACITOR 50V 0.01U	1	
C1118		ECKF1H102KB	C.CAPACITOR 50V 1000P	1	
C1119		VCF2AAC101JT	P.CAPACITOR	1	
C1120		ECKF1H391KB	C.CAPACITOR 50V 390P	1	
C1121		ECKF1H102KB	C.CAPACITOR 50V 1000P	1	
C1133		VCC0019	C.CAPACITOR 330P	1	<!>
C1136		VCC0022	C.CAPACITOR 1000P	1	<!>
			DIODES		
D1101		ENB461D-05A	SURGE ABSORBER 460V	1	<!>
D1102		S1WBA60S	DIODE	1	<!>
D1103		AP01C	DIODE	1	
D1104		MA4200H	DIODE	1	
D1105		MA723VT	DIODE	1	(VT)
D1106		MA178	DIODE	1	
D1107		AU01Z	DIODE	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
D1108		MA185	DIODE	1	
D1109		30DF2	DIODE	1	
D1110		31DQ04	DIODE	1	
			INTEGRATED CIRCUITS		
IC1101		STRS6545LF	IC	1	<!>
IC1102		SI3120C	IC	1	
IC1103		UPC1093J	IC	1	
			COILS		
L1102,03		VLQ0410	COIL	2	
L1104,05		ELESE101KA	COIL 100UH	2	
L1106		VLP0074	COIL	1	
L1107		VLP0083	FILTER	1	
L1111		ELF18D290A	COIL 29UH	1	<!>
L1116		VLP0085	FILTER	1	
L1118		VLP0085	FILTER	1	
			CONNECTORS		
P1101		VJS2625	CONNECTOR (FEMALE)	1	<!>
P1102		VJP1250T	CONNECTOR (MALE) 10P	1	
			TRANSISTORS		
Q1101		PS2561L1	TRANSISTOR	1	<!>
			RESISTORS		
R1101		ERQS2CKG3001	M.RESISTOR 1/4W 3K	1	
R1102		ERG3SJ683	M.RESISTOR 3W 68K	1	
R1103		ERDS2TJ224	C.RESISTOR 1/4W 220K	1	
R1104		ERDS2TJ221	C.RESISTOR 1/4W 220	1	
R1105		ERDS2TJ101	C.RESISTOR 1/4W 100	1	
R1106		ERDS2TJ561	C.RESISTOR 1/4W 560	1	
R1107		ERW1PKR82	W.RESISTOR 1W 0.082	1	
R1108		ERDS2TJ561	C.RESISTOR 1/4W 560	1	
R1109		ERDS2TJ271	C.RESISTOR 1/4W 270	1	
R1110		ERQS2CKG2701	M.RESISTOR 1/4W 2.7K	1	
R1111		ERDS2TJ272	C.RESISTOR 1/4W 2.7K	1	
R1112		ERQS2CKG2401	M.RESISTOR 1/4W 2.4K	1	
R1113		ERQS2CKG3302	M.RESISTOR 1/4W 33K	1	
R1114		ERDS2TJ152	C.RESISTOR 1/4W 1.5K	1	
R1115		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R1116		ERQS2CKC62R0	M.RESISTOR 62	1	
R1117		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R1131		ERW1PK2R2	W.RESISTOR 1W	1	
R1133		ERDS2TJ224	C.RESISTOR 1/4W 220K	1	
R1134		ERDS1TJ395	C.RESISTOR 1/2W 3900K	1	
R1135		ERDS1TJ475	C.RESISTOR 1/2W 4700K	1	
			TRANSFORMERS		
T1101		VLT0657	TRANSFORMER	1	<!>
			MISCELLANEOUS		
		VJF0310	FUSE HOLDER	2	
	■	VEP01487D	POWER C.B.A.		(NLA)<!> NV-F55EA/EE
			CAPACITORS		
C1101		ECQU2A224MN	P.CAPACITOR 250V 0.22U	1	<!>
C1102		ECQU2A104MN	P.CAPACITOR 250V 0.01U	1	<!>
C1103		ECES2GG680AA	E.CAPACITOR 400V 68U	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
C1106		VCC0021	C.CAPACITOR	1	<!>
C1107		ECQE6473KF	P.CAPACITOR 50V	1	
C1108		VCK0106K121	CAPACITOR	1	
C1109		ECA1VXLV470	E.CAPACITOR 35V	1	
C1110		ECA1CXLV331	E.CAPACITOR 16V 330U	1	
C1111		ECEA1JFE470	E.CAPACITOR 63V 47U	1	
C1112		ECEA1CFE560	E.CAPACITOR 16V 56U	1	
C1113,14		ECEA1DFZ681	E.CAPACITOR 20V 680U	2	
C1115,16		ECEA1AFZ681	E.CAPACITOR 10V 680U	2	
C1117		ECQB1H103JF	P.CAPACITOR 50V 0.01U	1	
C1118		ECKF1H102KB	C.CAPACITOR 50V 1000P	1	
C1119		VCF2AAC101JT	P.CAPACITOR	1	
C1120		ECKF1H391KB	C.CAPACITOR 50V 390P	1	
C1121		ECKF1H102KB	C.CAPACITOR 50V 1000P	1	
C1133		VCC0021	C.CAPACITOR	1	<!>
C1136		VCC0022	C.CAPACITOR 1000P	1	<!>
			DIODES		
D1102		S1WBA60S	DIODE	1	<!>
D1103		AP01C	DIODE	1	
D1104		MA4200H	DIODE	1	
D1105		MA723VT	DIODE	1	(VT)
D1106		MA178	DIODE	1	
D1107		AU01Z	DIODE	1	
D1108		MA185	DIODE	1	
D1109		30DF2	DIODE	1	
D1110		31DQ04	DIODE	1	
			INTEGRATED CIRCUITS		
IC1101		STRS6545LF	IC	1	<!>
IC1102		SI3120C	IC	1	
IC1103		UPC1093J	IC	1	
			COILS		
L1101		ELF18D221F	COIL 220UH	1	
L1102,03		VLQ0410	COIL	2	
L1104,05		ELESE101KA	COIL 100UH	2	
L1106		VLP0074	COIL	1	
L1107		VLP0083	FILTER	1	
L1111		ELF18D221F	COIL 220UH	1	<!>
L1116		VLP0085	FILTER	1	
L1118		VLP0085	FILTER	1	
			CONNECTORS		
P1101		VJS2625	CONNECTOR (FEMALE)	1	<!>
P1102		VJP1250T	CONNECTOR (MALE) 10P	1	
			TRANSISTORS		
Q1101		PS2561L1	TRANSISTOR	1	<!>
			RESISTORS		
R1101		ERQS2CKG3001	M.RESISTOR 1/4W 3K	1	
R1102		ERG3SJ683	M.RESISTOR 3W 68K	1	
R1103		ERDS2TJ224	C.RESISTOR 1/4W 220K	1	
R1104		ERDS2TJ221	C.RESISTOR 1/4W 220	1	
R1105		ERDS2TJ101	C.RESISTOR 1/4W 100	1	
R1106		ERDS2TJ561	C.RESISTOR 1/4W 560	1	
R1107		ERW1PKR82	W.RESISTOR 1W 0.082	1	
R1108		ERDS2TJ561	C.RESISTOR 1/4W 560	1	
R1109		ERDS2TJ271	C.RESISTOR 1/4W 270	1	
R1110		ERQS2CKG2701	M.RESISTOR 1/4W 2.7K	1	
R1111		ERDS2TJ272	C.RESISTOR 1/4W 2.7K	1	
R1112		ERQS2CKG2401	M.RESISTOR 1/4W 2.4K	1	
R1113		ERQS2CKG3302	M.RESISTOR 1/4W 33K	1	
R1114		ERDS2TJ152	C.RESISTOR 1/4W 1.5K	1	
R1115		ERDS2TJ471	C.RESISTOR 1/4W 470	1	
R1116		ERQS2CKG62R0	M.RESISTOR 62	1	
R1117		ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R1131		ERW1PK2R2	W.RESISTOR 1W	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
R1132		ERC12AGM334	S.RESISTOR 1/2W 330K	1	
R1133		ERDS2TJ224	C.RESISTOR 1/4W 220K	1	
R1134		ERDS1TJ395	C.RESISTOR 1/2W 3900K	1	
R1135		ERDS1TJ475	C.RESISTOR 1/2W 4700K	1	
			TRANSFORMERS		
T1101		VLT0657	TRANSFORMER	1	<!>
			MISCELLANEOUS		
		VJF0318	FUSE HOLDER	1	
	■	VXA4463	MECHANISM CONNECTION C.B.A.		(NLA)
			MISCELLANEOUS		
		VMA7829	REINFORCEMENT PLATE (F)	1	
		VMA8468	REINFORCEMENT PLATE (R)	1	
		VJS3071T	FLAT CARD CONNECTOR (CABLE)	1	13P
		VMZ1366	SHEET	1	
		ON2170-RLF	PHOTO INTERUPTER	2	
	■	VEP00R11B	PHOTO Tr. (S) C.B.A.		(NLA)
			CAPACITORS		
C1401		ECEA1CK100	E.CAPACITOR 16V 10U	1	
C1402		ECQB1H472JZ	P.CAPACITOR 50V 4700P	1	
C1403		ECQB1H333KZ	P.CAPACITOR 50V 0.033U	1	
C1404		ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C1501		ECKF1H102KB	C.CAPACITOR 50V 1000P	1	
			COILS		
L1401		VLQEL05S101J	COIL 100UH	1	
			CONNECTORS		
P1507		VJS3049B004T	CONNECTOR (FEMALE)	1	
P1512		VJS3070T	CONNECTOR (FEMALE)	1	
			TRANSISTORS		
Q1401		2SC3311-R	TRANSISTOR	1	(R)
Q1501		PN150NVS	TRANSISTOR	1	
			RESISTORS		
R1401		ERDSZTJ333	C.RESISTOR 1/4W 33K	1	
			TRANSFORMERS		
T1401		EIQ7QF012Q	TRANSFORMER	1	
			MISCELLANEOUS		
		VMD0645	HOLDER	1	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
	■	---------	PHOTO Tr. (T) C.B.A.		(NLA)
			CAPACITORS		
C1502		ECKF1H102KB	C.CAPACITOR 50V 1000P	1	
			CONNECTORS		
P1503		VJS3049B004T	CONNECTOR (FEMALE)	1	
P1508		VJS2331	CONNECTOR (FEMALE)	1	
			TRANSISTORS		
Q1502		FN150NVS	TRANSISTOR	1	
			RESISTORS		
R1503		ERDS2TJ222	C.RESISTOR 1/4W 2.2K	1	
			MISCELLANEOUS		
		VMD0645	HOLDER	1	
	■	VEX0123	CYLINDER DRIVE C.B.A.		(NLA)
			CAPACITORS		
C2901-3		ECEA1VSN2R2	E.CAPACITOR CH 35V 2.2U	3	
C2904-6		ECUM1E104KBM	C.CAPACITOR CH 25V 0.1UU	3	
C2907		ECUV1E683KBM	C.CAPACITOR CH 25V 0.068U	1	
C2908		ECUM1E473KBM	C.CAPACITOR CH 25V 0.047U	1	
C2909		ECQV1H104JS	P.CAPACITOR CH 50V 0.1U	1	
C2910,11		ECEA1CKS100	E.CAPACITOR CH 16V 10U	2	
C2912		ECEA0JKS220	E.CAPACITOR 6.3V 22U	1	
			INTEGRATED CIRCUITS		
IC2901		AN3814K	IC	1	
			CONNECTORS		
P2901		VJP2603W	CONNECTOR (MALE) 12P	1	
P2902		VJP1232T	CONNECTOR (MALE) 5P	1	
			RESISTORS		
R2901		ERX12SJR68	M.RESISTOR 2W 0.68	1	
			THERMISTORS		
TH2901		VRH0017	THERMISTOR	1	
			MISCELLANEOUS		
		VMA8089	MAIN HOLDER	1	